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The



CHEMIST AND DRUGGIST

for RETAILER - WHOLESALER - MANUFACTURER

Established 1859

28 Essex Street, Strand, London, W.C.2.

Registered as a Newspaper

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CXLVIII

NOVEMBER 22, 1947

Annual Subscription (with
Diary) 30/-. Single Copies 1/-

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The inhalation of 'Trilene' is recognised as a safe and efficient means of producing a deep and constant plane of analgesia which can easily be maintained without loss of consciousness.

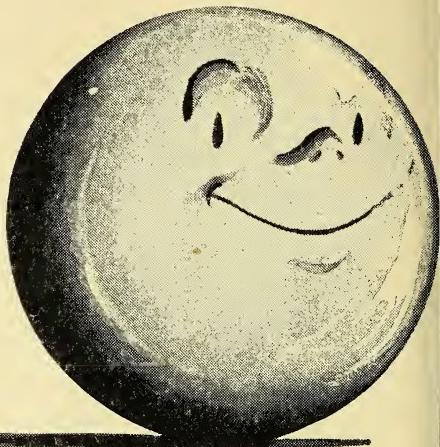
Various inhalers have been designed for the auto-administration of 'Trilene'-air mixtures by the patient and these have proved particularly valuable for relieving labour pains in childbirth. Used in this way 'Trilene' provides adequate analgesia which is safe for mother and infant. There are no contra-indications and recovery is rapid with no unpleasant after-effects. The apparatus required is simple and portable and the co-operation of the patient is readily secured.

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CRESANTOL-15

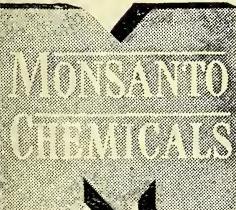
THE GERMICIDE FOR MODERN ANTISEPTIC FLUIDS

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| are also present. | |

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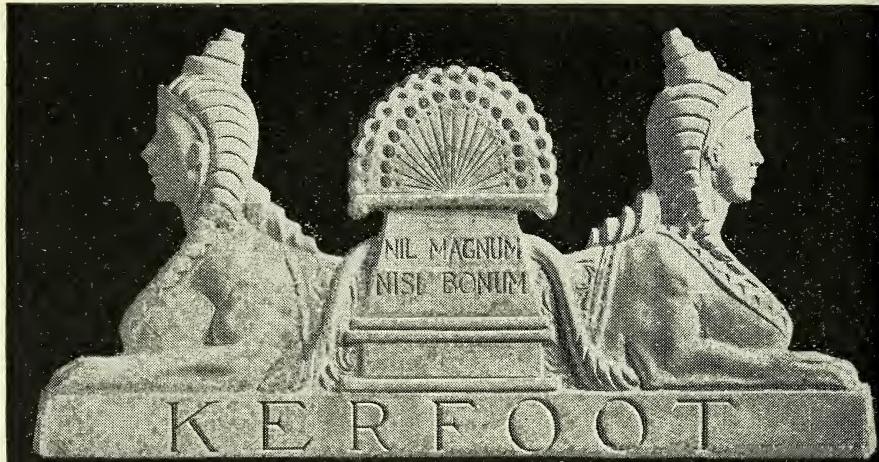
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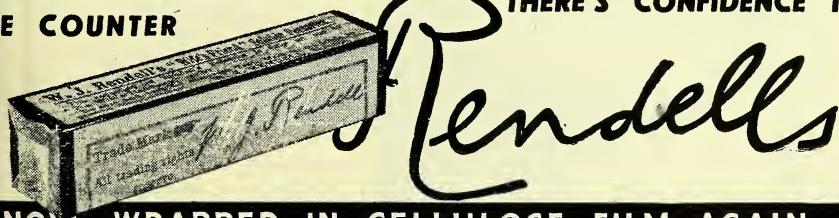
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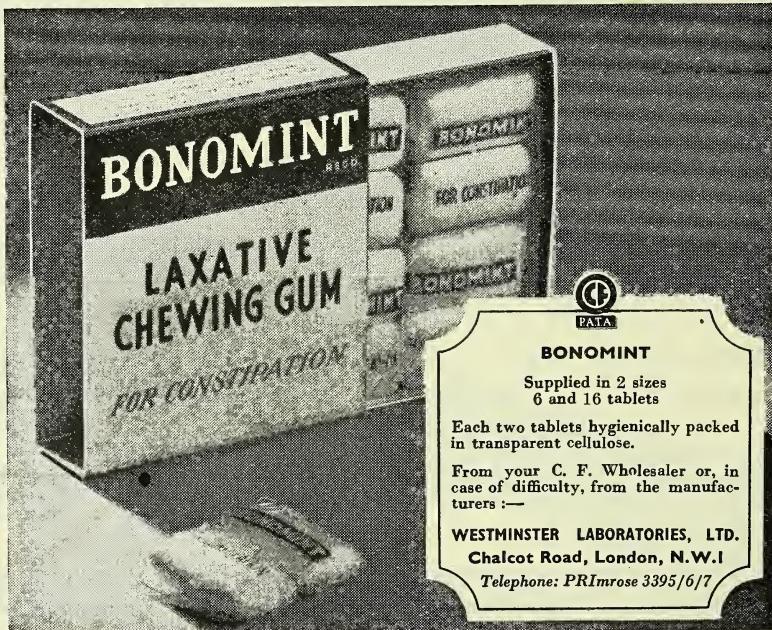
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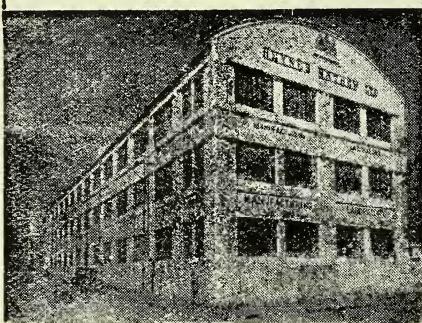
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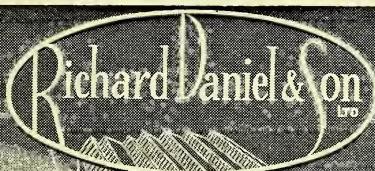
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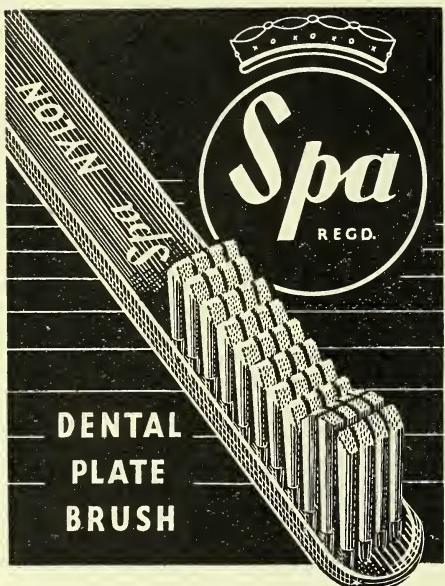
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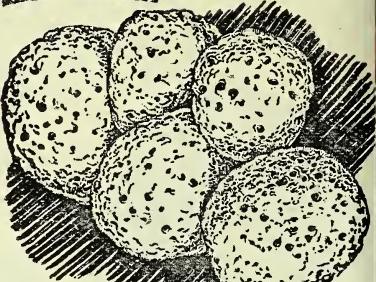
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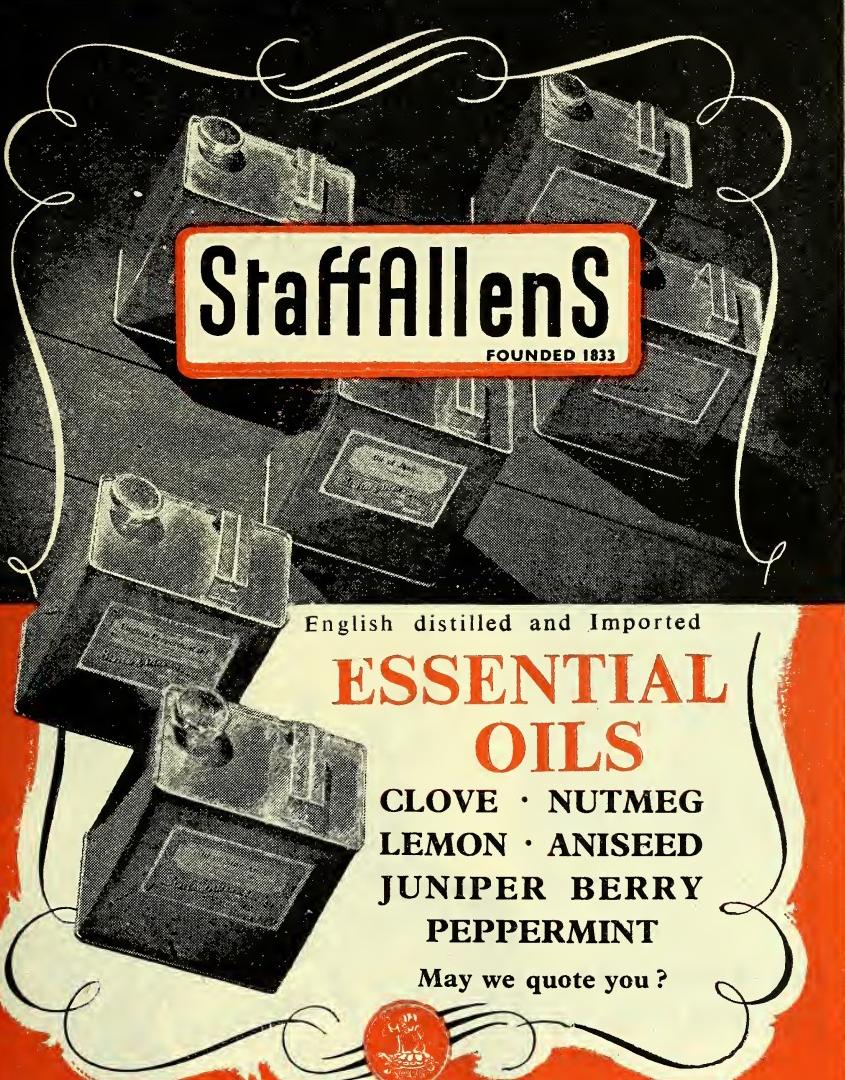


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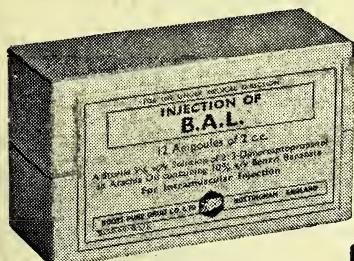
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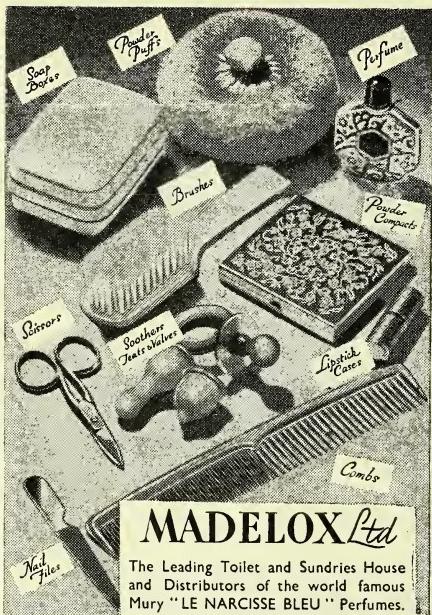
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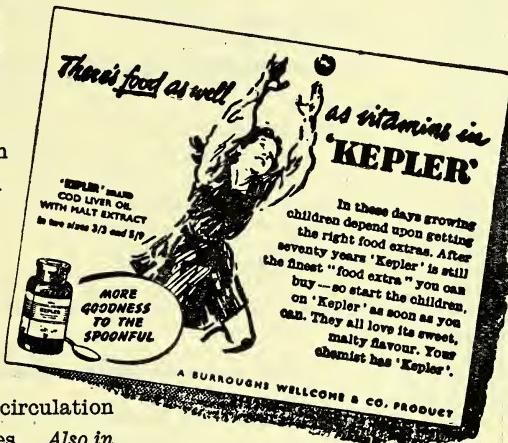
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NEWS OF THE WEEK

Montan Wax from Devon. — Lignite, which contains montan wax and resin, is being mined by open cast methods from deposits at Bovey Tracey, Devon, at the rate of 600 tons daily. Extraction plant has been designed, but it is understood that output of refined material has not yet commenced.

Appeal for Blood Donors. — Some 10,000 new volunteers are estimated by the Ministry of Health to be required in England and Wales to ensure that demands are met without calling on a donor oftener than once in six months. During the second quarter of 1947, blood was given by 66,557 donors.

British Colour Makers' Council. — At the annual meeting of the British Colour Makers' Association held on November 5, the following officers and Council were elected for 1947-48: Chairman, Mr. H. G. Ferguson (Cormbrook Chemical Co., Ltd.); Vice-chairman, Mr. V. Watson (Cromford Colour Co., Ltd.); Treasurer, Mr. C. G. A. Cowan (Cowan Brothers (Stratford), Ltd.); Council, Messrs. C. M. Beavis, K. Burrell,

C. G. A. Cowan, H. G. Ferguson, J. H. Grimshaw, S. K. Roberts, V. Watson and H. A. Wilson.

German Plant for Reparations. — A list of plants in the German and American Zones of Germany available for allocation as reparations (see *C. & D.*, November 15, p. 609), published in the "Board of Trade Journal," (November 15, p. 1,984), includes thirty-nine chemical plants. The share of the United Kingdom represents approximately one-fifth of their total value. It is hoped, says the Board of Trade, that allocations of the plants will commence early in 1948, but it is not possible to state in advance whether any particular plant will ultimately be allocated to the U.K.

Presentation of Hanbury Medal. — The Hanbury gold medal, awarded for "high excellence" in original drug research, was presented at an evening meeting of the Pharmaceutical Society held in London on November 13, to Dr. Hans Flück (professor of pharmacognosy, Faculty of Pharmacy, Swiss Federal Technical Institute, Zurich). The president of the Society (Mrs. J. K.

Irvine) made the presentation. Dr. Flück then delivered a lecture entitled "Chemical and Biological Aspects of the Conservation of Vegetable Drugs." He described the theory and practice of various methods of drying vegetable drugs and discussed the changes which took place in the active principles of botanicals. Only if drugs were dried by standardised methods, he said, would different batches have equal therapeutic qualities. Pharmacopoeias should include particular drying methods, although it would be difficult to exercise real control over their being used.

North British Executive.—A meeting of the Executive of the North British Branch of the Pharmaceutical Society was held in Edinburgh on November 12, Mr. C. G. Drummond in the chair. The Executive joined with the Pharmaceutical Standing Committee (Enlarged) in sending to Mr. Guthrie a letter of sympathy in his illness. The chairman then introduced Dr. McCall, the recently appointed assistant resident secretary. The chairman said that the sub-committee which was considering the Society's constitution hoped to have a report ready before the next meeting of the Executive. The resident secretary reported that he had been present at the annual conference of the Association of Insurance Committees held in Inverness. Mr. Beattie (Superintendent, Central Checking Bureau, and Clerk to the Drug Accounts Committee) had given his first report to the meeting with great success. Messrs. Anderson, Bennett, Culbert and McAdam, with the resident secretary, reported on the British Pharmaceutical Conference at Torquay. Mr. Beattie said the Branch Representatives' meetings and science sessions were often held on the same day so that delegates were unable to attend both. The chairman reported that there had been a number of similar complaints and the matter was under consideration.

Pharmacists in Industry.—Economic security in the chemical profession was discussed at a meeting of the Manchester Section of the British Association of Chemists on October 15. Mr. Norman Sheldon, F.R.I.C. (president) urged that, to promote the interests of industrial chemists, there should be close co-operation between the Royal Institute of Chemistry (controlling educational and professional standards) and the British Association of Chemists (providing economic security and schemes of superannuation, unemployment and sickness pay). Mr. Gartside said there were

many pharmacists with high qualifications and considerable industrial experience engaged in industry not catered for by Royal Institute of Chemistry; there would be no place for them in the scheme suggested by Mr. Sheldon, and he thought the scope of the Institute should be broadened. In addition to individual benefits offered to chemists, the B.A. aimed to mobilise the profession to create social benefits for the community. Mr. Sheldon agreed that there were many pharmacists doing valuable work as industrial chemists. Their standard of training had been raised to a high level, and he hoped the R.I.C. would consider admitting pharmacists engaged in industry. Mr. Greenwood said the B.A.C. already accepted some pharmacists as full members.

Panel Doctors' Conference.—At an annual conference of representatives of local Medical and Panel Committees held in London on October 30, several motions of pharmaceutical interest were discussed. Dr. Harrison, East Sussex, moving that doctors' dispensing capitation fee was totally inadequate, said many practitioners in his area would prefer not to do dispensing; while the work was compulsory the payment should be adequate. Dr. E. A. Gregg (chairman, Insurance Acts Committee) said the payment to rural chemists, worked out in terms of capitation fee, was 5s.; the doctors' dispensing capitation fee was 4s. 9d. with an additional payment for special expensive drugs which worked out at 1s. per insured person. The motion was lost. Dr. E. J. Allan, Derby, moved that a series of articles devoted to the National (W) Formulary should be published in the medical Press. Many of the drugs, he said, had strange names, some were too new to be in the reference books, and certain of the pharmacological arrangements of prescriptions required explanation. Gregg said that, as the Formulary was necessarily the one to be used in the National Health Service, the suggestion was hardly worth while at present. The motion was lost. Dr. J. Arthur, Northallerton, moved that, in every prescribing area, at least one pharmacy should be open during evening surgery hours for the dispensing of National Health Insurance prescriptions. Dr. C. G. Martin, London, opposed the motion; if doctors insisted that chemists should open at certain hours, the Minister of Health might also insist that doctors should open their surgeries at certain hours. The motion was lost.

LOCAL NEWS

Middlesex Appointments.—The following officers of the Middlesex Pharmaceutical Committee have been reappointed to executive subcommittee of Middlesex Insurance Committee: Messrs. R. H. Rowland (chairman) and J. Anderson Stewart (secretary).

Joint Meeting at Margate.—At a meeting of the Isle of Thanet Branches of the Pharmaceutical Society and the National Pharmaceutical Union, held at Margate on November 10, Mr. D. W. Hudson (a member of the N.P.U. Executive) spoke on "Retail Pharmacy, its Past, Present and Future."

Combined Manchester Meeting.—Mr. I. Geard, B.Sc., Ph.C., spoke on "The Economics of Penicillin Manufacture" at combined meeting of the Birmingham Branches of the National Association of Women Pharmacists and the Pharmaceutical Society on November 13.

Brighton Association Officers.—The following officers were elected at the annual meeting of the Brighton and Hove Association of Pharmacy on November 11: *Captain*, Mr. Donald W. Hudson; *Vice-Captains*, Messrs. H. B. Mackie and S. F. George; *Secretary*, Mr. Arch. Wilson, 13 The Park Villas, Hove, 4; *Treasurer*, Mr. G. Morgan. Later, Mr. R. H. Kemp (organisational officer, National Pharmaceutical Union) spoke on "Proprietary Medicines and their Place in Retail Pharmacy."

Edinburgh Chemists' Golf Club.—The following were elected at a meeting of the committee of the Edinburgh Chemists' Club on November 7: *Captain*, Mr. E. Herd; *Vice-captain*, Mr. D. Walker; *Secretary*, Mr. R. F. Muir, 4 Southfield Place, Portobello, Midlothian; *Assistant Secretary*, Mr. J. B. Grosset, 148 Marchmont Road, Edinburgh; *Committee*, Messrs. A. H. Gillies, H. G. Glass, W. A. M. Urston, D. R. Kay, R. S. Mathieson, A. Mackay, J. B. McCaig and J. W. Chan. Membership of the club, which this year is celebrating its jubilee, is open to chemists and chemists' assistants in the district.

Slough Officers.—At a recent meeting of the Slough Branch of the Pharmaceutical Society the following officers were elected: *Vice-chairman*, Mr. G. C. Horn; *Treasurer*, Mr. H. G. Tessier. The

offices were previously held by Messrs. S. Morgan and R. H. Quin, who have left the district. Recent activities of the branch have included a debate between Mr. E. Skues and Mr. W. S. Benjamin in which a motion that pharmacy employees were "getting a fair deal" was carried by a large majority, and a lecture on ointment bases given by Mr. L. Spalton.

Leeds Annual Dinner.—At the annual dinner of the Leeds Branch of the Pharmaceutical Society recently, the chief guests were Mrs. J. K. Irvine (president, Pharmaceutical Society) and Mr. G. H. M. Graham (chairman, National Pharmaceutical Union Executive). Mr. G. C. Crum-mack (Branch president), proposing "The Society," claimed that there were hospitals and institutions in the Leeds area where the dispensing was not done under the supervision of a qualified pharmacist. Mrs. Irvine, responding, said the remedy was to make immediate representations to the local authorities; it was wrong that patients in public hospitals and institutions should be deprived of the same qualified service as any National Health Insurance patient. Mr. E. S. Mitchell (vice-chairman, Leeds Branch N.P.U.) proposed "The N.P.U." to which Mr. Graham responded.

Record Attendance at Durham.—There was a record attendance, with many visitors from the Newcastle Branch of the Pharmaceutical Society, at a meeting of the Durham County Branch held on November 6. Mr. H. Steinman (a member of the Society's Council and of the National Pharmaceutical Union Executive) said it would be some years before health centres could be built. Meanwhile retail pharmacists had an opportunity to prove that they could provide a complete pharmaceutical service. In answer to Mr. E. Dunn, Stanley, Mr. Steinman said more bureaux were needed to speed the pricing of National Health Insurance prescriptions; a prompter system of payment to chemists was being aimed at in the National Health Service. Mr. W. Hindson (president) gave a humorous report on the social side of the recent British Pharmaceutical Conference at Torquay. Mr. W. Low, in more serious vein, described the Branch Representatives' meeting. He deplored the way in which resolutions from Durham County Branch had been received (see *C. & D.*, October 11, p. 451), but paid tribute to the organising work of the local committee. A collection was made for the Society's Benevolent Fund.

IRISH NEWS

N.I. Statutory Committee. — A half-yearly meeting of the Statutory Committee set up under the Medicines, Pharmacy and Poisons Act, Northern Ireland, 1945, was held on November 14, Mr. W. F. Patton (chairman) presiding. As no cases had been reported to the Committee during the previous six months the proceedings were formal. The agenda for the November meeting of the Council of the Pharmaceutical Society of Northern Ireland includes the appointment of a member to the Statutory Committee in succession to the late Mr. J. W. Gray, J.P.

Ulster Chemists' Association. — A meeting of the Executive Committee of the Ulster Chemists' Association was held in Belfast on November 4. Mr. R. Gibson (president), who was in the chair, expressed the Association's regret at the death of Mr. Thomas McAllister, Omagh. He then said that, with Mr. J. McGregor and the secretary, he had interviewed the Petroleum Officer, who had said that, while no general allowance could be made to chemists for deliveries, each case would be treated on its merits; any chemist who thought he had been unjustly treated should make a fresh application. It was agreed to send to the Minister of Commerce a resolution protesting against the introduction of the Statistics of Trade Bill (Northern Ireland), which was described as "an inquisitorial measure regarded justly with suspicion and deemed to be neither required nor desired by the trading community in Northern Ireland." Mr. James McKenna, Belfast, was elected as a member, and the following were elected associate members of the U.C.A.: Miss Monica Sweeney (pharmaceutical chemist), and Mr. M. J. McAteer (apprentice).

An Amendment Defeated. — An opposition amendment to include chemists among those exempted from the Safeguarding of Employment Bill (see *C. & D.*, November 15, p. 588) was considered in the Northern Ireland House of Commons on November 14. Moving the amendment, Mr. E. McAteer said it involved only a small number of persons, as chemists who qualified in Eire could not practice in Northern Ireland; there was no reciprocity. A number of persons from co. Donegal, Eire, who were serving their apprenticeships in Londonderry would lose from one to four years of their courses if they were to be debarred from working in Northern Ire-

land. Messrs. F. Hanna and H. Diamond supported the amendment. Mr. W. Maginess (Minister of Labour) said there had been no demand for the amendment from the Ulster Chemists' Association; he would have to know more about the views of interested persons before he could accept it as it stood. If there was the likelihood of hardship for apprentices, he undertook that careful consideration would be given to their case. The amendment was negatived.

Associates' Annual Meeting. — Mr. H. Barr (chairman) presided at the fourth annual meeting of the Associate Section of the Ulster Chemists' Association held in Belfast on October 16. The Association was represented by Mr. E. Richey (for the president) and Miss A. Strachan (secretary). The annual report was adopted on the motion of Mr. V. Elliott, seconded by Mr. A. McWhinney. Mrs. Barr said the Section had made steady progress and had increased in membership. Difficulties connected with the payment of unemployment benefit to part II students and the interpretation of the Medicines, Pharmacy and Poisons Act, 1945, had been smoothed out. Under the guidance of Mr. J. Coulter, the hospital committee had done good work; only one case of arbitration was outstanding. Mrs. Barr suggested that changes in pharmaceutical education in Great Britain were likely to have some effect in Northern Ireland under the reciprocity agreement. The financial statement was adopted on the motion of Mr. E. Williamson (treasurer), seconded by Mr. A. G. Bryson. The following retiring members were declared elected to the *Associate Committee*: Mrs. E. H. Barr and Messrs. V. J. Elliott and J. G. McGivern (pharmaceutical chemists); the following new members were elected: Messrs. S. McMurrin (pharmaceutical chemist), N. Mellon and J. J. Speers (assistants), and J. McKeown (apprentice). The chairman said an effort would be made to set up a social subcommittee during the coming year. Mr. Coulter reported that the scale of wages and conditions recommended in the report of the Joint Negotiating Committee (Hospital Staffs) had been applied to all except the hospital pharmacists, for whom arbitration had been sought. Mr. T. H. Hamilton (secretary, Londonderry Branch, Associate Section) who was present with Mr. W. Taylor (treasurer), reported that the branch was making steady progress in membership and activities.

TOPICAL REFLECTIONS

Search in Industry

The survey of research recently published by a department of the Federation of British Industries (p. 598) gives statistics of great importance to everyone who has welfare of the country at heart. Without attempting the impossible task of summarising in a single paragraph the contents of this valuable census, I should like direct attention to a few of its facts. The amount spent annually on research by British industry is estimated at £30 millions; of this sum, the chemical group amounts for £5,166,000. The varying scope of the work is shown in an interesting table. Omitting the figures given, it bears that different chemical manufacturers promote research (1) "of a comprehensive character," or (2) "broad within specialised field," or (3) specialised from outset, or (4) strictly limited. In addition, professional consultants were engaged, either regularly or occasionally, by several concerns. The majority in the chemical section offered customers what is described as special technical service in connection with their products. When industrialists opt a policy of this kind, they look for results—not, of course, by return of post—but within a measurable period. It is pointed out in the survey that plans to increase industrial research staffs have to a considerable extent been frustrated by shortage of scientific man-power. But the sons with universities and technical colleges, and exchange of information through research associations, etc., are useful.

Branch Representatives' Meetings

Your report of the November Council meeting of the Council of the Pharmaceutical Society (p. 604) is of more than usual interest. The subject most likely to occasion differences of opinion—and accordingly worth careful consideration—is, I think, the part of the Organisation Committee's report dealing with the number and timing of Branch Representatives' annual meetings. As indicated in this section a few weeks ago, I do not agree with the Committee's view that the association of Branch Representatives' meeting with the British Pharmaceutical Conference should be discontinued. Not only do these meetings clash with meetings of the Science Section, but the very effort of holding them as part of the Conference programmes brings to Conference a number of pharmacists who are only slightly, if at all, interested in science. If

the object of the Executive is to impress local municipalities with the large attendances obtained, pharmacy can well afford to do without advertisements of this nature. It may be argued that there is a chance of attracting branch representatives to scientific meetings at times when these meetings do not synchronise with others; but the results of such enterprise would be doubtful. There is more to be said in favour of arranging for, though not necessarily of holding, two Branch Representatives' meetings in each year. The first meeting, a fixture, should, I suggest, be held in association with the Society's annual meeting. If a second annual meeting in any one year is thought desirable (as may well be the case in the near future), that meeting can be appended to, or incorporated in, the Conference programme. As to the procedure to be adopted when a branch resolution is accepted for the agenda of a Branch Representatives' meeting but no member of the branch turns up to move it, surely the responsibility of finding a mover and a seconder should rest on the branch, and failing such mover and seconder the resolution should be deleted.

A Scientific Jubilee

The exhibition at the Science Museum in South Kensington commemorating Professor J. J. Thomson's discovery of the electron (p. 607) is worth a visit. Though I have not a copy of the Professor's book of reminiscences, and though it is several years since I read it, I have a fairly distinct recollection of the modest account given in it of this momentous advance in physics. While engaged in a research on heat, he came to a point where his calculations were far out—a contingency that has its amusing aspect in view of the eminence of the worker. When he lectured at the Royal Institution—in 1898, I think—on this advance, the whole conception was so unlike existing theories that some of his hearers suspected a joke. In due course he handed on the torch of knowledge to Rutherford, Aston and others. Sir Joseph John Thomson, O.M., belongs to a very small class of explorers in science. He stands in the group which begins with Faraday (unless we prefer to start with Newton, a still greater genius), and continues through Maxwell, another Cambridge physicist. Joule, Kelvin, and Rayleigh also made important contributions to mid-nineteenth century physics.

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CARNSFORD PHARMACEUTICAL CO., LTD. (P.C.)—Capital £100. To carry on the business of manufacturers of and dealers in pharmaceutical, medical, chemical and other preparations, chemists, opticians, etc. Eric H. Hurst and Christina Hurst, directors. R.O.: 165 Widmore Road, Bromley.

CALLANDER & TULLY, LTD. (P.C.)—Registered in Edinburgh. Capital £20,000. To acquire the wholesale and manufacturing departments of John T. Coats & Co., Ltd., and to carry on the business of chemists. James Callander, John S. S. Tully and Alexander G. Anderson, directors. R.O.: 9 Victoria Street, Edinburgh.

H. B. DORLING, LTD. (P.C.)—Capital £30,000. To acquire the business carried on by H. B. Dorling at 18 Churston Street, Upton Manor, London, E.13, and to carry on the business of distributors of goods saleable by chemists, druggists, etc. Horace B. Dorling, director. R.O.: 4 Tokenhouse Buildings, King's Arms Yard, Moorgate, London, E.C.2.

HOLT, McCONNELL & CO., LTD. (P.C.)—Registered in Dublin. Capital £5,000. To carry on the business of importers of and dealers in all kinds of foreign and colonial produce, including spices, pharmaceutical and medical products, etc. Adrian Holt and William G. McConnell, directors. Subscriber's address: Lebasi, Seafort Avenue, Sandymount, Dublin.

THURGAR BOLLE (SUCCESSORS), LTD. (P.C.)—Capital £125,000. To acquire and amalgamate Thurgar Bolle, Ltd., H. D. Thurgar, Ltd., and Injectaplastic, Ltd., and to carry on business of makers, modellers, moulders and producers of and dealers in casein, celluloid, cellulose acetate, ebonite, paper substitutes, pigments, plastics, resins, shellac and silica, and goods made therefrom, brush and comb manufacturers, chemists, druggists, etc. Harry D. Thurgar, Georges J. E. Bolle and Robert C. Thurgar, directors. R.O.: Orient House, Church Way, Wellingborough.

EVANS MEDICAL SUPPLIES, LTD.—Mr. O. N. T. Davenport has resigned from the board of the company.

BEECHAM GROUP, LTD.—Prospectuses are available from November 21 for the issue at par of 1,500,000 4½ per cent. redeemable cumulative preference shares of £1 each. The lists open and close on November 26.

TINTEX DYES, LTD.—The recent issue of 765,064 new ordinary 2s. shares at par to shareholders, on the basis of five new shares for every four held, was well subscribed. A number of excess shares were available and applications for these were over-subscribed.

FISONS, LTD.—Lists opened and closed on November 12 for the public issue of 1,000,000 4½ per cent. cumulative preference £1 shares at 23s. per share. The issue was very heavily oversubscribed. Preferential consideration was given to applications from shareholders and employees. Only applications from the general public for over 100 shares were considered; a proportion, selected by ballot, were allotted small part of their requirements.

BUSINESS CHANGES

MR. SIDNEY MAGOWAN has acquired the pharmacy at 438 Ormeau Road, Belfast, formerly carried on by Mr. Gordon Smyth.

FRANCIS HALLAM, LTD., 44 High Street, Burton-on-Trent, have reopened the branch at Rugby Road, Hinckley, Leics.

FRANCIS F. FOX & CO., LTD., St. Jude, Bristol, 2, have appointed Mr. W. Wykes, M.P.S., to take charge of their dr packing department.

HARRY SKOLNICK, LTD., is the new tit adopted by the company at 33 Haymarket, London, S.W.1, formerly known as H. & Bottle Co., Ltd.

NORTHAM WARREN, LTD., have close their Bayswater premises and have returned to their factory at 615 Trading Estate, Bath Road, Slough (Telephone: Sloug 20234).

RUSHDEN INDUSTRIAL CO-OPERATIVE SOCIETY, LTD., have recently acquired the pharmacy at Wellingborough Road, Rushden, Northants, formerly carried on by Mr. R. Scott Wood, M.P.S.

MR. N. PACKWOOD, M.P.S., has acquired and is continuing under the title N. Packwood (Chemists), Ltd., the business at Lee Road, Lynton, North Devon, formerly carried on by Mr. H. Capern, M.P.S.

MR. G. B. WEST, Ph.D., B.Pharm Ph.C., a member of the pharmacologic department of the College of the Pharmaceutical Society, has been appointed chief research pharmacologist to The British Drug Houses, Ltd., in succession to J. F. M. Berger, who recently resigned to take up an appointment in the U.S.A.

EVANS MEDICAL SUPPLIES, LTD., Speke, Liverpool, have made the following appointments: Mr. F. E. Mellor (manager, head office, home sales department); Mr. R. Cockburn, M.P.S. (medical and pharmaceutical representative for Cumberland and Scottish border counties); Mr. H. R. Cleal (medical representative for West Lancashire); Mr. S. W. Holde, M.P.S., medical representative for Southwest Lancashire and part of Cheshire, Shropshire and Staffordshire); Mr. A. J. Briem, M.P.S. (pharmaceutical representative for North Liverpool and the Isle of Man).

LEGAL REPORTS

Rat Poison Given to Baby.—At Liverpool Assizes, on November 5, Mrs. Monica Adley, Preston, was found guilty but sane on a charge of murdering her baby daughter by giving her rat poison mixed with syrup. She was ordered to be detained during His Majesty's pleasure.

Fines for D.D. Offences.—Charged at Huntingdon borough magistrates' court recently on sixteen summonses under the Dangerous Drugs Acts, Herbert C. Porter, 11 Johns Street, Huntingdon, manager of a firm of veterinary surgeons, was fined a total of £32. The prosecution stated that Porter's authorisation to obtain drugs had been withdrawn, notice having been given in the "London Gazette" on June 24, 1942. Porter said he had no knowledge of the withdrawal until informed of it by the police. The summonses concerned six 2-lb. containers of tincture of opium, fifty $\frac{1}{2}$ -gr. tablets of morphine sulphate, and dr. 1 caine hydrochloride.

Summons Dismissed.—Moreton-in-Marsh magistrates, on November 10, dismissed, under the Probation of Offenders Act, six summonses against Geoffrey Percy Clark, M.P.S., chemists' manager, High Street, Moreton-in-Marsh, alleging that he supplied Medinal tablets not in accordance with the prescription of a duly qualified medical practitioner, and that he failed to keep proper records of the sale of the tablets in his poisons register. Similar summonses against the owners of the shop, T. Strong, Ltd., Stow-on-the-Wold, were also dismissed, the defendants being ordered to pay £9 4s. 6d. costs. Pleas guilty were entered on behalf of the two defendants. The prosecution alleged that a few months previously Mrs. Leonie Maxime Russell-Andrews died in tragic circumstances, and at a coroner's inquiry it was established that she died from barbituric acid poisoning. It was discovered that Clark had supplied a large quantity of Medinal tablets to her. The defence claimed that Clark was guilty of nothing more than a clerical omission, because there was nothing illegal in his sale of the tablets. He was taken off his guard at the time when he was busy in the shop, and on the spur of the moment supplied tablets though the prescription did not cover the full number in the bottle. The chairman said the magistrates were satisfied that the firm was legally responsible. With regard to Clark they felt there were mitigating cir-

cumstances in the fact that the prescriptions were supplied by the doctor and it was a doctor and not Mrs. Russell-Andrews to whom the tablets were given.

Alleged Tax Evasion.—Summoned at Marlborough Street, London, police court recently by the Customs and Excise authorities for being knowingly concerned, between August 1945 and July 1946, in the fraudulent evasion of purchase tax in respect of toilet preparations and perfumery, Jack Rodney, London Road, Croydon, pleaded not guilty and elected to go for trial at the London Sessions. Percival Douglas Emsley, M.P.S., trading as G. R. Dawson, chemist and retailer of perfumery and cosmetics, High Street, Southend-on-Sea, said that, in September 1945, a man called on him and offered to sell him some perfume. He purchased, so far as he could recall, six dozen 1-dr. and ten dozen 2-dr. Raj and six dozen Lamart perfumes, paying in cash £35 14s. Later he received an invoice which referred to only one dozen of each size. Edward Walter Smith, proprietor of a tobacco, hairdressing and toilet sundries business at Norwich, gave similar evidence. Laurence Kerrigan, a Customs officer, said he visited the accused's then address in Woodside Road, London, N.22, in July 1946 and asked him whether he had sold off invoice either his own goods or goods on behalf of the person named Raj. Rodney said he had not done so. Inspecting some stock, witness noted certain toilet goods, including seven dozen bottles of setting lotion which, Rodney said, had been brought by "Sanders," adding, "I definitely had invoices because I paid him. There were also one gross each of hair cream and brilliantine." After inspecting the invoices, witness pointed out that they did not cover certain of the goods and Rodney replied, "I may have some other invoices from the suppliers." Told that the suppliers' records agreed with the invoices he had produced, he asked, "What will happen if I admit that I have done business off the record?" Told that the facts would be reported, he promised to give every assistance in the inquiry and said he had purchased goods without invoices and without tax and had sold goods also without tax, as an agent for Raj. The usual arrangement, he said, was for him to share the tax with the supplier. He agreed with the facts alleged by Mr. Emsley. He also agreed that he had given an inadequate invoice to Mr. Smith.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

THE Medical Practitioners and Pharmacists Bill was introduced into the House of Lords on November 11 by LORD HENDERSON, who described the Bill as having the object of disposing finally of the various war-time problems associated with the admission to the British Medical Register of doctors not possessing British qualifications. It dealt also with pharmacists qualified abroad. In Part II of the Bill, he said, "we are proposing, with the blessing and indeed at the request of representatives of the pharmaceutical profession, a change in the law as to the registration of pharmacists holding qualifications obtained abroad. In making this change we are at the same time providing for those foreign qualified pharmacists who obtained temporary registration under the Defence Regulations in the same way as the temporarily registered doctors. In their case, under the Emergency Laws Transitional Provisions Act, temporary registration is due to cease at the end of 1947." The proposed change was in the form of a provision enabling the Council of the Pharmaceutical Society, under by-laws (which were subject to the approval of the Privy Council) to register any pharmacist holding a qualification obtained outside the United Kingdom with or without examination and with or without training in this country, as the Society thought proper. The proposal superseded the present provision, governed by the Pharmacy Act, 1908, which enabled the Council to register—and that without any examination—only Colonial pharmacists on the strength of their Colonial diplomas.

The Bill, said Lord Henderson, had been introduced in the House of Commons in August, so that members and outside organisations and persons interested should have time to study it and offer any criticisms before it came to be discussed. "The Department has heard little in the way of criticism except on points of detail, and where it appeared desirable the necessary amendments have been made in the revised draft of the Bill."

LORD LLEWELLYN, welcoming the Bill, added that in all references to doctors, it was insisted that the General Medical Council should be of the opinion that they were men of good character. There was nothing of the sort with regard to pharmacists, and he would like it to be required that a man having such extensive dealings

with poisons (i.e., the pharmacist) should be equally a man of good character.

The Bill was given a second reading.

Composition of Soap Powders

In the House of Commons on November 10 MR. DE LA BERE asked the Minister of Food, in connection with the licence granted to manufacturers for the production of soap powder, what safeguards were imposed to ensure that soap powders for which licences were granted to manufacturers did not contain pumice, acids, ammonia or china clay, which were harmful clothing, in view of the need to preserve the length of life of clothing for as long a period as possible.

MR. JOHN STRACHEY replied that granting soap-making licences, the Minister tried to maintain the general quality of soaps of all kinds, and he was satisfied that in general it had succeeded. Like the questioner, he did not believe in injurious preparations being marketed.

Radioactive Fertilisers

DR. S. JEGER asked the Minister of Agriculture whether his department had acquired any experience in the use of radioactive fertilisers, and whether such results as were available justified their more widespread use.

MR. TOM WILLIAMS: My department has no experience of the use of radioactive fertilisers, and no reports by overseas research stations of experiments in recent times have been traced.

Resources Available for N.H.S.

SIR ERNEST GRAHAM-LITTLE asked the Minister of Health whether he would give an estimate of the number of (a) general practitioners and (b) specialists required by warrant putting into operation (proposed July 1948) the National Health Service Act, 1946; and what measures had been taken to provide the additional hospital accommodation, health centres, and other buildings required to carry out the provisions of the Act? MR. BEVAN replied that the National Health Service will bring into operation with the resources available at the appointed day; the sources would be extended as circumstances permitted.

Yield from Spirit Duty

MR. F. J. ERROLL asked the Chancellor of the Exchequer what was the present yield

on the taxation of white spirit and how much the tax raised the price of exportable goods manufactured with white spirit. MR. G. H. DALTON replied: About £1½ million; drawback is allowed on exports, the prices which are not, therefore, raised by the incidence of the tax.

Location of Medicinal Raw Materials

CAPTAIN W. J. FIELD asked the President of the Board of Trade whether he would consider controlling the supply of drugs, chemicals and other materials to manufacturers of proprietary and quack medicines in view both of the economic situation and of the deleterious effect of their indiscriminate use, and whether he would ensure that the materials and the labour used were put to better use in the national interest?

MR. J. W. BELCHER (Parliamentary Secretary): Drugs, chemicals and other raw materials are allocated for the manufacture of proprietary medicines only when the needs of hospitals, doctors and dispensing chemists have been met. I should hesitate to condemn such medicines generally, and they make in fact a useful contribution to our export effort.

Orange Juice

DR. EDITH SUMMERSKILL (Parliamentary Secretary, Ministry of Food) informed MR. ATHONY GREENWOOD that, as orange juice is obtained from dollar countries, the Minister could not consider any extension of beneficiaries to take in children over five years of age.

Export Goods on Home Market

The question of release for the home markets of goods made for export but found to be unsaleable overseas, was raised by MR. S. SHEPHERD on November 13. MR. ARNOLD WILSON (President of the Board of Trade) replied that it might be necessary in special cases to allow release on the home market of goods made for export where all possible measures to provide the expected export outlet had failed. Such cases would likely be considered when he was quite satisfied that every such effort had been made. Mr. Shephard went on to ask whether the Minister was aware that considerable quantities of goods were "frozen" owing to the fact that the producers were not able to get port licences in the destination countries, and whether he would take steps to release those goods to the home market. Mr. Wilson replied that in those cases the manufacturers concerned were being

pressed to redouble their efforts to sell in some other market. In some cases the department was pressing the government concerned to remove the import restrictions.

Coupon-free Soap

AIR COMMODORE HARVEY asked the Minister of Food if he would relax the necessity for giving up coupons for soft soap for medical purposes. DR. EDITH SUMMERSKILL replied that certain medicated soaps could already be obtained without coupons against a doctor's certificate.

N.(W.)F. AMENDMENTS

THE N.W.F. Committee has approved the following amendments to the National [War] Formulary, 1947:—

| PAGE | AMENDMENT |
|------|--|
| 14 | Prokayvit amended to read "Prokayvit Oral." |
| 15 | New entry: Rybarvin (Solution) Compound Spray of Adrenaline and Atropine, N.W.F. |
| 20 | Capsula Pluravit: title replaced by Capsula Vitaminorum (Caps. Vitamin.) The synonym is retained. |
| 34 | Linimentum Methylis Salicylatis B.P.C.: Formula amended so that rape oil, arachis oil or cotton seed oil may be used. |
| 33 | Linctus Codeini N.W.F.: Title amended to read "Linctus Codeinae N.W.F." |
| 34 | Linctus Diamorphini N.W.F.: Title amended to read: "Linctus Diamorphinae N.W.F." The note is also amended to read: "Linctus Diamorphinae B.P.C." |
| 37 | Mistura Potassii Bromidi et Nucis Vomicae: The word "to" is inserted in the last line of the formula. |

Where doctors continue to order "Caps. Pluravit" on National Health Insurance prescriptions the chemist should dispense Caps. Vitaminorum. Manufacturers are asked by the Ministry of Health to make immediate arrangements to use the title "Caps. Vitaminorum." A title similar to the one originally chosen by the N.W.F. Committee for the multiple vitamin capsule has been granted registration as the trade mark of a particular manufacturer who, however, has agreed to the disposal of stocks at present held under the original title.

THE LATE MR. W. J. U. WOOLCOCK

THE death occurred at Welwyn Garden City Cottage Hospital, Welwyn, Herts, on November 13, of Mr. William James Uglow Woolcock, C.M.G., C.B.E., Ph.C. (secretary and registrar of the Pharmaceutical Society, 1913-18), at the age of sixty-nine.

Mr. Woolcock had had a distinguished career, of which the early part, coinciding with the early days of the National Health Insurance Act, was particularly significant to pharmacy. Son of a non-conformist minister, he was educated at Bideford Grammar School, Devon, and apprenticed to Messrs. Pollard & Brown, Newport, Isle of Wight, afterwards going as an assistant to Messrs. C. H. Churhouse and T. Edward Burrows, Chard, Somerset. After qualifying as a chemist and druggist from the School of Pharmacy, Bloomsbury Square, London, in 1900, he was appointed senior assistant in the University College Hospital Dispensary, working under Mr. R. R. Bennett, B.Sc., Ph.C. From 1903-06 he conducted at the same time a pharmacy at 6 Weston Promenade, Hounslow. In 1903 he married Miss Katherine Maud Homer, with whom he had studied at "The Square." In 1906 he became president of the Thames Valley District Chemists' Association, and in 1907 passed the Major examination of the Pharmaceutical Society. In the same year, upon entering Gray's Inn to study for the Bar examinations, he commenced duties with the Pharmaceutical Society, working first on the British Pharmaceutical Codex. He became secretary of the Pharmacists' Parliamentary Representation Committee, in which office he was closely associated with the work of the late Mr. Glyn-Jones. Shortly afterwards he took charge of the Society's organisation department. He was quick to grasp the importance to pharmacy of the National Insurance Act, and in 1912, the year in which he was called to the Bar, was described (*C. & D.*, 1912.II.956) as "easily the most prominent man and the hardest worker in English pharmacy during 1912."

"He brought to his duties," the report continues, "the experience of an everyday pharmacist . . . the acumen of a lawyer,

THE LATE MR. W. J. U. WOOLCOCK

and oratorical gifts of a son of the manse." In 1913, at the age of thirty-five, he was appointed the Society's secretary and registrar. In 1917 he was appointed Assistant Director of Army Contracts, and in January of the following year was created a member of the Order of the British Empire. Later in 1918, he resigned from his office in the Pharmaceutical Society and as a member of the London Insurance Committee in order to become secretary and general manager of the Association of British Chemical Manufacturers. At the general election of that year he was returned unopposed as Member for Central Hackney. He soon became concerned in the establishment of the Ministry of Health and in May 1918 M. W. L. Currie (the president of the Society reported (*C. & D.* 1919.II.519) that M. Woolcock "has obtained assurances from the Minister that pharmacists will receive due recognition on the appropriate advisory committees." In 1920 he

seconded the address in the House replying to the King's speech. From 1919-20 he served as Parliamentary Private Secretary to the Minister of Munitions, and in 1921 as Parliamentary Private Secretary to the Postmaster-General. In 1923 he was local secretary to the British Pharmaceutical Conference, London, and from 1924-5 served as president of the Society of Chemical Industry. In 1928 he relinquished his appointment as general manager of the A.B.C.M. to join the Morley-Staffordshire Refining Co., at the invitation of the late Lord Melchett. Three years later he joined Imperial Chemical Industries, Ltd., taking charge of the company Government Relations Department until his retirement in 1944. He was an original member of the Dyestuffs Licensing Committee.

Mr. Woolcock's activities in Parliament while secretary of the chemical manufacturers' organisation, were chiefly concerned with the introduction and passing of the Dyestuffs (Import Regulation) Act and the Safeguarding of Industries Act (Key industries). The establishment and development



Mr. W. J. U. Woolcock, Ph.C.

the British fine chemical industry to its present strength is a monument to his brief but brilliant parliamentary career.

Appreciations

MR. H. N. LINSTEAD, O.B.E., M.P., Ph.C., writes: Uglow Woolcock had a great capacity for friendship and for the enjoyment of life, and he transmitted this to all those who came into contact with him. He was, however, far from being merely a good companion, and the two qualities which I shall always associate with him are the Roman virtues of *urbanitas* and *gravitas*. In his later years, as head of the Government Relations Department of Imperial Chemical Industries, Ltd., he had full opportunity to employ these qualities in the service not only of his company but of the country, as for example when he acted as chairman of the Advisory Committee to the British Delegation to the Ottawa Conference. He had a peculiar talent for seeing the other man's point of view, and this made him an ideal chairman of difficult meetings. I remember my father telling me of a meeting at which Woolcock was chairman, which appeared to be on the verge of breaking up by reason of one member insisting upon his right to justice: "No," said Woolcock, "you do not want justice. None of us wants justice. What we all need is mercy." And that broke the tension. Many, like myself, will have the warmest memories of personal kindness at his hands.

MR. G. A. MALLINSON, M.P.S., writes: I was with the deepest regret that I heard the passing of my old colleague W. J. Uglow Woolcock. He was an outstanding personality in pharmacy when I met him over thirty years ago. He was the right man in the right place at that period. Mr. Woolcock's first task was the creation of local Associations throughout the country, which were brought together in the Local Associations' Executive Committees. He and the late Sir William Glyn-Jones together gave pharmacists their position under the N.H.I. Act and jointly dealt with all the initial negotiations. Mr. Woolcock's chief title to fame in pharmacy was that he carried through the arrangements for the N.H.I. service on behalf of pharmacists. When, during the 1914-18 war, he was called to the War Office to take charge of medical supplies, he persuaded me to leave my business and join the staff of the Society in 1916 to take over the local organisation and N.H.I. work which had been his speciality. I found him a good friend,

generous to a fault, but somewhat exacting to work with because, after he had done his day's work at the War Office, he would come back to Bloomsbury Square to keep touch and help with difficulties. This resulted in very late nights for both of us, and this habit of late work no doubt undermined his health, because it continued long after he left the Society—to become secretary of the Association of British Chemical Manufacturers, and subsequently a director of one of the I.C.I. groups of companies and adviser to the corporation. He had a magnetic personality and was a natural leader of men; he was, in fact, the Churchill of pharmacy. As a platform speaker in pharmacy he was unequalled and his charming manner gave him control of any gathering. I personally benefited largely by my contact with him and I feel very sad that I shall never hear his cheery voice again.

MR. R. R. BENNETT, B.Sc., F.R.I.C., Ph.C., writes: My memories of Woolcock extend over a period of forty-seven years. They begin with the days when we were fellow-students at Bloomsbury Square, and these were followed by several years spent together in the pharmacy department at University College Hospital; it was during this period that we were both reading law. Woolcock enjoyed adventure, and above all things, he was a "good companion." He possessed to an unusual extent the gift of clear expression in the spoken and written word. His work brought him into touch with a wide circle of people, and he was invited to accept an appointment with the Association of British Chemical Manufacturers. My last talk with Woolcock was in the Savage Club. Although unwell, he loved convivial company, and to the end he was a "Good Savage."

FIFTY YEARS AGO

Home-made Galenicals

From the C. & D., November 20, 1897.
"SHOP-TALK" was the title of a paper read to the Bradford and District Chemists' Association on November 2 The authors said: We believe it is the best plan to make everything that can be made on a small scale, for not only can the articles be made as good as or better than those bought from the wholesale houses, but in most cases a considerable saving can be effected. Some, of course, take a considerable time to make, and then it is a question for each one to settle whether the expenditure of time will be repaid or not.

TRADE NOTES

Broadsheet on Sun Lamps.—Perihel, Ltd., Edge Street, London, W.8, have produced a colourful broadsheet which serves as a complete and illustrated reference of the company's Perihel sun lamps.

Display Terms Extended.—Combined order facilities and display terms offered by J. C. Eno, Ltd., Watford, Herts, are being extended to include Serocalcin, all orders and inquiries for which should be sent to the company.

Royal Wedding Present.—Roberts Windsor Soap Co., Ltd., 27 High Street, Windsor, announce that Princess Elizabeth has graciously consented to accept, as a wedding present, a small quantity of the company's original toilet soaps in a special presentation casket.

Prompt Delivery from Stock.—Wright's coal tar liquid soapless shampoo is now available for prompt delivery from stock in unrestricted quantities. The product is issued in cylindrical 4-oz. bottles by Wright Layman & Umney, Ltd., 44 Southwark Street, London, S.E.1.

Companion to Bronchial Tablets.—Howard-Taylor, Ltd., 89 Kingsway, London, W.C.2, have introduced Ventay cough mixture as a companion product to Ventay bronchial tablets. Ample supplies are available, and the product is presented in an attractive counter carton.

U.S. Visit.—A visit to the United States is being made at the end of December by Dr. H. de Laszlo, managing director of L. Light & Co., Ltd., Wraysbury, Bucks. Dr. Laszlo invites any organic chemist requiring special chemicals unobtainable in the U.K. to communicate with him.

Price Reductions.—HALEX, LTD., Hale End, London, E.4, remind retailers that the prices of Zote sponges are being reduced on December 1. Details are given elsewhere in this issue.—MAY & BAKER, LTD., Dagenham, Essex, announce that reduced prices for Sulphatriad brand compound sulphonamide tablets become effective on December 1.

Window Display Prizewinners.—The following were awarded prizes in a display competition organised in the Edinburgh area recently by the Crookes Laboratories, Ltd., Park Royal, London, N.W.10: *First* (£40): W. C. Nicol, Portobello; *Second* (£20): W. King & Son, Edinburgh, 9; *Third* (£10): Leith Provident Co-operative

Society, Ltd., Leith; *Consolation* (£2 each): M. W. Ewing, Edinburgh, 8, and R. MacLennan, Edinburgh, 10.

Production Drive.—Gedeon Richter (Gt. Britain), Ltd., 14 Weedington Road, London, N.W.5, state that a considerable extension of floor space and equipment has enabled them to offer increased quantities of suprarenal cortex extract (injections vials, and in bulk); liver extracts (injectable, oral, B.P., and proteolysed); and hydrogen peroxide tablets.

Phytosterol.—Crodá, Ltd., Croda House, Snaith, Goole, Yorks, offer in commercial quantities, phytosterol of Swedish origin, melting-point around 138-139° C. The material is understood to contain approximately 80 per cent. of B sitostero (22,23 - dihydrostigmastero) and 20 per cent. sitostanol (dihydro-B-sitostero). Its applications are in the field of synthetic hormones, ointments and emulsions.

Ointment Rotor.—A new rotating display stand for ointments issued by S. Maw, Son & Sons, Ltd., Aldersgate House, New Barnet, Herts, enables customers to see and handle any one of six varieties of ointments in tins. The company's new illustrated price list of display stands and fittings is now available.

New Railway Rates.—A "Revised Standard Charges Scale" (10s. 6d., pos free), just issued by The Railway & Shipping Publishing Co., Ltd., 12 Cherry Street, Birmingham, 2, lists current rates following the October increases. Standard charge for classes 1 to 21 are shown for every mile age up to 750. In addition to the station-to-station rates, the actual "carted or delivered" and "carted and delivered" rates are given.

New Products.—Clay & Abraham, Ltd., 87 Bold Street, Liverpool, 1, have introduced a penicillin snuff containing 5,000 units of penicillin (calcium salt) in sterilised sulphathiazole 95 per cent.; and Radosene a non-greasy liniment for the alleviation of muscular pains. The snuff, which is issued in an all-plastic screw-ended tube, is claimed to be especially effective in the

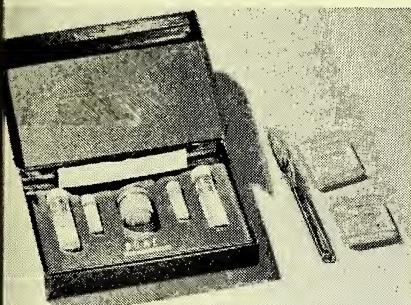


ly stages of colds, when the nasal passages are comparatively free from secretion. The liniment is in bottles of one size.

Nikethamide Compounds. — Ciba Laboratories, Ltd., Horsham, Sussex introduced on November 1 three new compounds of Coramine brand nikethamide, B.P. The products are Coramine-nosine for angina pectoris and coronary sufficiency; Coramine-caffiene for physical and mental exhaustion; and Coramine-medrine for bronchial asthma and bronitis. Each compound is presented in 1.c. ampoules, as liquid for oral administration and as tablets. A descriptive booklet available from the company.

Bottle Filler. — A simple, inexpensive and efficient bottle-filling machine for all-scale use has been introduced by B. F. Products, 60 Bury Walk, London, W.3. The machine is suitable for fillingrinkler, neck, and cork-stopper type bottles up to 8-oz. capacity; output is of the order of 500 8-oz. bottles hourly. The machine consists essentially of an automatic plated filling valve rigidly mounted, and having an overdrift tray for use with expensive liquids. Filling is by pressure of operator's hand, cut-off being automatic when pressure is released.

Beauty Box for Air Travellers. — Each man passenger carried from New York by British Overseas Airways Corporation is



ing presented with a Speedbird beauty box. The kit contains cleansing lotion, powder base, face powder, toilet water, tooth-powder, tooth-brush, two cotton pads in transparent tissue, and cleansing tissues, sufficient for two uses of each item. Items were selected after study of the needs of average woman passengers. The face powder is of a neutral shade that "can be used with any complexion other than tan."

Revised Tax-inclusive Prices. — Many requests have been received from manufacturers asking for details of new tax-inclusive prices to be given in these columns. It is recognised that the information would be invaluable to both wholesalers and retailers, but the acute paper situation prevents the suggestion from being adopted.

NEW PURCHASE TAX RATES

In the Supplementary Budget presented to the House of Commons on November 12, the following increases in purchase tax were introduced: "Reduced rate" from 16½ to 33½ per cent.; "basic rate" from 33½ to 50 per cent.; "intermediate rate" from 66½ per cent. to 75 per cent.; "higher rate" from 100 per cent. to 125 per cent. The increased rates apply to goods delivered by registered manufacturers or wholesalers on or after November 19. For sales by registered to unregistered persons, the increases apply to goods actually dispatched on or after November 19, irrespective of the date when the contract of sale was made or of the date on which the goods were invoiced. The rates chargeable on the main classes of chemists' goods:—

| OLD RATE per cent. | NEW RATE per cent. | CLASSES OF GOODS |
|-----------------------|-----------------------|---|
| Exempt | Exempt | Drugs and medicines listed in the Purchase Tax (Exemptions) Orders of 1941 and 1945 (see Purchase Tax Notice No. 78B). |
| 16½ | 33½ | Drugs and medicines, manufactured or prepared, except those exempted as above. |
| 33½ | 50 | Toilet requisites (e.g., brushes, combs, scissors, razors and razor blades, sponges, face cloths, towels and toilet paper). |
| 33½ | 50 | Toilet preparations (e.g., soap, shaving creams, shampoos, dentifrices, toilet eye lotions and eye drops, mouth washes and antiseptics). |
| 33½ | 50 | Cameras, photographic films, plates and papers. |
| 100 | 125 | Toilet requisites (e.g., flap-jacks, compacts, powder puffs, face tissues, sponge bags, sets of toilet articles, nail files, corn rasps). |
| 100 | 125 | Perfumery and cosmetics (e.g., face creams and powders, lipsticks, perfumes, brilliantines and hair tonics, bath salts, "liquid stocking"). |

DEATHS

BOND. — On November 4, Mr. Alfred Bond, Alfred House, Newquay, Cornwall, aged eighty-four. Mr. Bond qualified as a chemist and druggist in 1885.

BUTLER. — The funeral of Mr. Ernest Charles Butler (see *C. & D.*, November 15, p. 591) took place at Chiswick New Cemetery on November 13. The company was represented by Messrs. J. T. Morrell (managing director), F. M. Fitzgerald and F. Webber. Others present included Mr. L. J. Bedwell (solicitor to the late Mr. Butler), who represented the widow, Mr. W. M. Jennings, Flight-Lieutenant E. Dales and other business and personal friends.

COMBER. — At Margate General Hospital, on November 5, Mr. W. A. Comber, for over twenty years a director of V. J. Woolls, Ltd., chemists, Margate.

COVERDALE. — Recently, Mr. Arthur Edward Coverdale, Ph.C., 68 Broad Street, Worcester, aged seventy-two. A native of Pickering, Yorks, Mr. Coverdale qualified as a chemist and druggist in 1896 and as a pharmaceutical chemist the following year. In 1903 he bought the business of George & Welch in Broad Street, Worcester. A former secretary of the Worcester Pharmacists' Association, he was elected to the Worcester City Council in 1912, served as a mayor in 1927, and was appointed an alderman in 1928. He became High Sheriff for the County of Worcestershire in the year 1926.

LOOKER. — At the Royal National Throat, Nose and Ear Hospital, London, W.C.1, on November 18, Mr. Charles C. Looker (a director and the general manager of the Crookes Laboratories, Ltd., Park Royal, London, N.W.10), aged sixty. Mr. Looker joined the company in March 1921 after having been previously with Genatosan, Ltd., Loughborough. He is survived by his widow.

MELHUISH. — At 118 Dyke Road, Brighton, on November 8, after a long illness, Mr. Barradale Whiddon Melhuish, B.Sc., Ph.C. (superintendent of the Pharmaceutical Society's examinations), aged fifty-two. Mr. Melhuish qualified as a chemist and druggist in 1917 and as a pharmaceutical chemist in 1920. He was a Bell scholar in 1916 and gained his Associate-ship of the Institute of Chemistry in 1922. He was later assistant lecturer and demonstrator in chemistry at the school of pharmacy of the Pharmaceutical Society.

PERSONALITIES

MR. F. D. GEE, M.P.S., 7 School Road Sale, Ches, has been elected mayor of the borough.

SUCCESSFUL candidates in the recent municipal elections in Scotland include MESSRS. G. A. MACFARLANE (Fort William); R. SMITH, and W. J. TOLMIE (both of Stornoway). (See also *C. & D.*, November 15, p. 595).

NOBEL prizes for 1947 have been awarded to SIR ROBERT ROBINSON, P.R.S., for chemistry, and to SIR EDWARD APPLETON, G.B.E., K.C.B., F.R.S., for physics. Sir Robert Robinson's work on electronic influences in organic chemistry has brought him close to pharmaceutical chemistry, particularly in his work on the elucidation of the molecular structure of the strychnine group of alkaloids, the syntheses of sterols and hormones, and, recently, on the structure of penicillin and other antibiotics. Biographical notes on Sir Robert were published in the *C. & D.* January 18, p. 72, and May 31 p. 61.

Sir Edward Appleton, one of the world leading authorities on radio waves (his name has been given to a layer of the atmosphere 120 miles above the earth), has been secretary of the Department of Scientific and Industrial Research since 1932. Recently he was awarded the U.S. Medal of Merit for scientific services during the 1939-45 war, including those of promoting Anglo-American scientific collaboration. This year marks the second occasion on which the Nobel chemistry and physics prizes have both gone to Britain.

MR. W. BARRIE, M.P.S. (a director of E. Lewis Evans, Ltd., chemists, 2 Osborn Street, London, N.W.1) was recently appointed mayor-elect for the borough of Finsbury. First elected to the local council in 1934, Mr. Barrie has served on the public health committee for the past ten years, playing a large part during the period in the establishment of a health centre in Finsbury (described in the *C. & D.* 1945, I. 10).



Sir Robert Robinson

LONDON MEDICAL EXHIBITION

New types of medicaments particularly in evidence among the exhibits on the stands (some 120) of manufacturers at this year's London Medical Exhibition included antihistamine drugs, concentrated penicillin suspensions, preparations of new vitamins and physiologically active synthetic compounds such as new mydriatics and muscle relaxants. Among these compounds were Antistin (CIBA, LTD.), Anthison (PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD.); Folvite brand folic acid and Folvronic acid and iron (CYANAMID PRODUCTS, LTD.); rutin tablets (ALLEN & HANBURYS, LTD., and ABBOTT LABORATORIES (ENGLAND), LTD.); penicillin oil-and-wax injection containing 300,000 units per mil by GLAXO LABORATORIES, LTD., ALLEN & HANBURYS, LTD., PHARMACEUTICAL SPECIALITIES (MAY & BAKER), LTD., and PERIAL CHEMICAL (PHARMACEUTICALS), LTD.; Lachesin (E.3) benzyl ethyldimethyl ammonium chloride, a mydriatic and cyclogenic (WHIFFEN & SONS, LTD.); and Cyanesin, a muscle relaxant (THE BRITISH DRUG HOUSES, LTD.). The stands of BURROUGHS WELLCOME & Co., and ROCHE PRODUCTS, LTD., were notable particularly for pictorial panels with symbolic motifs; that of Messrs. Burroughs Wellcome illustrating the progress of medicine from pre-story to today, and that of Messrs. Roche presenting human endeavour in relation to scientific achievement. Other exhibits included:—

EVANS MEDICAL SUPPLIES, LTD.—A range of liver preparations, and sulphonamide compounds.

ELI LILLY & Co., LTD.—Ergotrate brand ergonovine maleate, U.S.P., etc.

MOORE MEDICINAL PRODUCTS, LTD.—etheph tablets (methylephedrine hydrochloride), etc.

WILLIAM R. WARNER & Co., LTD.—elusid antacid adsorbent in the form of a amphoteric gel.

BENGER'S, LTD., and GENATOSAN, LTD.—asydrol, a protein hydrolysate for oral and travenous use.

MILTON ANTISEPTIC, LTD.—Principally exhibition of the Bunyan-Stannard irrigation envelope.

BOOTS PURE DRUG Co., LTD.—Preparations including injection of B.A.L.

WARD, BLENKINSOP & Co., LTD.—Placadol and Placadol Sed, antispasmodics and spasmolytics.

GLAXO LABORATORIES, LTD.—Crystalline penicillin G (containing over 90 per cent.

penicillin G). An announcement that large-scale production of streptomycin is expected to commence in their works within the next few months is being issued to callers at the stand.

HERTS PHARMACEUTICALS, LTD.—Handyplast air-strip elastic wound dressings and other plasters.

COMING EVENTS

Tuesday, November 25

NEWCASTLE AND NORTHUMBERLAND BRANCH, PHARMACEUTICAL SOCIETY, Chemistry Department, King's College, Newcastle, at 7 p.m. Professor H. Riley on "Atomic Energy."

Wednesday, November 26

CHESTERFIELD BRANCH, PHARMACEUTICAL SOCIETY, Board Room, Royal Hospital, Chesterfield, at 8 p.m. Annual meeting. Mr. F. W. Adams (deputy secretary, Pharmaceutical Society) on "Some Aspects of the Society's Work."

SHEFFIELD BRANCH, PHARMACEUTICAL SOCIETY, Metallurgical Club, 198 West Street, Sheffield, at 8 p.m. Dr. E. Leighton Yates (physics department, Sheffield University) on "Atomic Fission and the Universal Source of Power."

Thursday, November 27

LIVERPOOL BRANCH, GUILD OF PUBLIC PHARMACISTS, The Radium Institute, Liverpool, at 7.30 p.m. Mrs. R. Denston, B.Pharm., Ph.C. (Glaxo Laboratories, Ltd.), on "Modern Developments in Pharmaceutical Research."

MANCHESTER PHARMACEUTICAL ASSOCIATION, JUNIOR BRANCH, Lesser Debating Hall, Men's Union, Manchester University, at 7.45 p.m. Mr. A. L. Bacharach, M.A. (Glaxo Laboratories, Ltd.), on "Modern Developments in Pharmaceutical Research."

LEEDS BRANCH, PHARMACEUTICAL SOCIETY, Woolpack Hotel, Wakefield, at 8 p.m. Mr. W. J. Tristram (a member of the Society's Council) on "Your World Tomorrow." (Application for seats in special buses leaving Eastgate, Leeds, at 7.30 p.m. should be made to Mr. J. Schofield, 400 Burley Road, Leeds).

ROMFORD BRANCH, PHARMACEUTICAL SOCIETY, King's Hall, King's Head Hotel, Romford, 7.30-11 p.m. Dance (tickets, 3s. 6d. each from Mr. R. P. Small, 35 Somersby Gardens, Ilford).

GLoucester BRANCH, PHARMACEUTICAL SOCIETY, Guildhall, Gloucester, 8 p.m.-12.30 a.m. Dance (in aid of Society's Benevolent Fund) to celebrate silver jubilee of Branch (tickets 7s. 6d. each).

EIRE: ST. JOSEPH'S YOUNG PRIESTS' SOCIETY, PHARMACY BRANCH, 23 Merrion Square, Dublin, at 8.30 p.m. Recruiting rally. Speakers include Mr. P. A. Brady (president, Pharmaceutical Society of Ireland).

Sunday, November 30

CORNISH BRANCH, NATIONAL PHARMACEUTICAL UNION, St. John Ambulance Headquarters, City Road, Truro, at 2.30 p.m. Mr. J. F. McNeal (a member of the Executive of the N.P.U. and of the Pharmaceutical Society's Council) on "Organisations in Pharmacy and the Health Service."

NOTTINGHAM DISTRICT WINDOW DISPLAY COMPETITION (organised by the Crookes Laboratories, Ltd.) December 1-13.

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OL. CXLVIII NOVEMBER 22, 1947 No. 3535

New Narcotics: The Need for Control

THE need for a new International Convention to control illicit traffic in narcotics is the subject of an illuminating special article by the Geneva correspondent of "The Times" in its November 15 issue. It there represented that the extension of opium derivatives and the discovery of new synthetic narcotics threaten to jeopardise the results of years of patient struggle against the illicit drug traffic unless a means can be found to bring advances in organic chemical science under rigorous control through international action.

The extraction of morphine from the dried poppy plant has "enormously facilitated the increase of output" and made it difficult to control the supply of basic material (previously in the form of opium). The need for strengthening control over the international trade in heroin (diacetylmorphine) has been felt for some time, largely owing to the extensive manufacture of this drug in Japan and Korea before and during the 1939-45 war. Mexico is easily the most important of the main sources of supply of raw material, despite the fact that poppy cultivation has been made illegal in that country. There is an enormous clandestine production of opium, of which at least 50 per cent. is processed into morphine or heroin. The boldness of the underworld traffickers, and the risks taken in transporting narcotics into the United States, are almost beyond belief. An aerial

survey by the Mexican Government in the spring of 1947 disclosed 4,500 poppy fields in cultivation and over twenty landing slips for aircraft handling the illicit drugs. Plans to place new limits on poppy production will be before the United Nations Narcotics Commission at its December meeting in New York. It has become evident that control at the source is a prerequisite to stamping out the illegitimate output of opiates.

Development of Synthetics

The discovery (and development during the war to fulfil an urgent need) of new synthetic narcotics presents an even more formidable problem, since these compounds are outside the scope of the International controls established by existing conventions. Amidone is cited as an example of a synthetic drug having all the habit-forming qualities of morphine and capable of being produced secretly in substantial amounts from material available in the open market. Amidone approximates to morphine in potency as a pain-reliever. Its use in medicine introduces a twofold danger. Publicity for the product as a supposedly innocuous analgesic alternative to morphine appears likely to create a new type of drug addict, and reports by experts to the United Nations Advisory Commission confirm that the symptoms following the withdrawal of amidone, though differing in intensity from those of morphine, are definite and characteristic. The conclusion is reached that amidone is a habit-forming drug and its use in Germany and the United States confirms the need for the control of its supply. Amidone has been listed as a Dangerous Drug in the United States but continues to be a factor in illicit addiction. In other words, the morphia-maniac, deprived of his favourite "dope," is finding relief in similar synthetic compounds. Hence the demand for a new and world-wide convention. Unfortunately that objective takes months or even years to attain and enforce.

In this country authority exists under the Dangerous Drugs Acts to deal with the problem created by the introduction of synthetic narcotics. Section 8 (2) of the 1920 Act enables any drug "of whatever kind" to be classed as a Dangerous Drug

if it "is or is likely to be productive, if improperly used . . . of ill effects substantially of the same character or nature as or analogous to those produced by morphine or cocaine." Pethidine, which has one-tenth the potency of amidone, is an example of a drug to which this authority has been applied. Evidence is accumulating of the way in which traffickers in drugs of addiction are exploiting the new synthetic narcotics and hindering the cure of victims.

Pharmacists called upon to supply uncontrolled products by prescription or otherwise have no alternative but to do so, however suspicious they may be as to their probable use or destination. The Geneva correspondent of "The Times" demonstrates the necessity for prompt controlling action and the need for caution in advocating the new analgesics as substitutes for morphine. The alternative to the method of control suggested would be that research for new narcotics and their introduction into medicine might have to be stopped by extending the present ban on products prepared from the phenanthrene alkaloids of opium (D.D. Act, 1932, 2 (1) to synthetic drugs with morphine proclivities.

Incidence of Increased Purchase Tax

THE proposal in the supplementary Budget introduced into the House of Commons on November 13 to increase the rates of purchase tax (see p. 627), involves a general revision of "inclusive retail prices" on many classes of goods in the drug trade. Although it is possible that the increased rates of tax may undergo modifications during the progress of the Bill through Parliament, manufacturers and other registered suppliers have already set to work on revising their tax-inclusive retail prices. For them the higher rates of tax are already in operation.

In order to assist retailers, and to minimise the confusion that must occur, we suggest that all manufacturers and other registered suppliers of drug trade goods liable to purchase tax should adopt the practice followed for some time by a percentage of them and mark each package prominently with the tax-inclusive price. We make this proposal because retailers will, in due course, have on their shelves

both goods on which tax has been charged at the old rate and goods on which tax has been charged at the new rate. Under the Prices of Goods Act they must sell taxable goods at prices appropriate to the rate of tax charged by their suppliers. It is, for instance, an offence to sell goods on which the rate of tax at the time of purchase from the registered supplier was $16\frac{2}{3}$ per cent. inclusive of retail prices which would be appropriate if the tax paid had been at the rate of 33 per cent. Complaints from members of the public are bound to arise when, at one shop, a bottle of medicine is sold at, say, 2s. 6d. (the inclusive price at the former rate) and, on the same day, at another shop, it is sold at, say, 2s. 11d. (based on the new rate). Prices of toilet preparations, cosmetics, and other goods on which the tax has been increased from 100 to 125 per cent. will show even greater disparity.

A substantial proportion of the stock carried by chemists is liable to purchase tax at one rate or another, and in the aggregate the amount of capital tied up, producing neither profit nor interest, is considerable. The further increases in rates of tax place on the smaller proprietor an unjust burden likely to cause embarrassment. Many retailers will find it necessary to keep their stocks of taxed goods at a low level and to limit the size of their orders when restocking.

Sulphonamides in Foul Brood

THE National Agricultural Advisory Service has reviewed ("Agriculture," May, p. 8) trials carried out at Rothamsted Experimental Station and at outside centres using sulphapyridine and sulphathiazole in the treatment of American foul brood in bee Colonies. Colonies of bees were infected with the disease by feeding them in June with a suspension of *Bacillus larvæ* spores in sugar syrup. Solutions used in treatment consisted of the sodium derivatives of the drugs in concentrations of 5 gm. per gall. of syrup. In cases treated with sulphapyridine and 1 gm. or 2 gm. per gall. in those treated with sulphathiazole. The treated colonies were usually cured of the disease, but a recurrence sometimes followed the cessation of treatment. Honey from colonies treated with sulphonamides can contain appreciable but not harmful quantities of the dru-

NOTES FOR INTENDING EMIGRANTS

1. Australia

THE qualifications of the Pharmaceutical Society of Great Britain are recognised in all States of the Commonwealth of Australia. There is at present a general shortage of pharmacists, although, as the number of students in the profession has increased recently, the shortage is expected soon to be made good throughout the Commonwealth.

The chief avenues of employment in the profession in Australia are as owner of a pharmacy; as a retail manager; and as cum tenens. There are few vacancies on the wholesale or manufacturing administration side, or in hospitals. Only the larger hospitals employ permanent pharmacists. Drug cultivation in the opinion offers no scope for employment.

The goodwill of retail businesses is now valued high, owing to prosperity during the years 1939-45, and Australian authorities recommend that pharmacists from Great Britain should take employment in Australia to obtain knowledge of local conditions before starting businesses of their own.

Conditions Defined

The effect on the practice of retail pharmacy of a National Pharmaceutical Benefits Act passed recently by Federal Government, which provides free pharmaceutical service to all citizens, is not yet clear, according to Australian pharmaceutical authorities, and it is therefore difficult to forecast accurately the future course of this branch of the profession. Conditions of employment in retail pharmacy of all qualified and unqualified workers are defined under Shops Acts or similar legislation. The conditions covered include wages, hours, overtime, annual and sick leaves, and garment allowance. Although post-graduate fellowship courses are held at the Victorian College of Pharmacy in biochemical analysis, there is little other scope for specialisation.

Educational Requirements

Educational and training requirements vary slightly from State to State, but the general requirements are: (a) A school-leaving certificate in general education; (b) three to four years' apprenticeship; and (c) two to four years' part-time study. In Queensland, certain subjects may be taken by correspondence. The syllabuses include chemistry, botany, materia medica, forensic pharmacy, pharmaceutics, and dispensing. The following notes deal with conditions in various States of the Commonwealth.

New South Wales

The Pharmacy Board of New South Wales welcomes pharmacists from Britain. The procedure to be adopted by



a pharmacist who qualified in Britain and wishes to be registered in New South Wales is as follows: He first submits a certified photograph of himself to the Secretary of the Pharmaceutical Society of Great Britain, and requests that a certificate of his identity shall be sent to the Registrar of the Pharmacy Board, New South Wales, in advance of his arrival, together with the certified photograph. On arriving in New South Wales, the pharmacist presents himself for identification to the Registrar, taking with him his certificate or diploma, and pays a fee for registration of £1 11s. 6d. (Australian currency).

Although the present shortage of pharmacists in the State will tend to be less acute as there are some 600 apprentices now registered in New South Wales, there will be ample scope for British pharmacists until the middle of 1949 at least. Wages, according to the Chemists' (State) Award, are at present: Manager (male or female), £8 4s. 6d. to £9 9s. 6d. (Australian) depending on the staff controlled; registered assistant, £7 9s. 6d. (legal minima). Owing to the shortage of registered pharmacists, rates considerably in excess of these are

being offered. The Government has introduced a forty-hour working week which applies to pharmacists among others. Large hospitals in the State usually employ a registered pharmacist in charge, but wages for this type of work are lower than for shops.

A factor to be carefully considered is the shortage of housing in New South Wales, and immigrants from Britain are particularly advised to make arrangements before leaving Britain to ensure that they will have a place to live in on arrival in New South Wales.

The pharmaceutical authority which administers the profession in the State is: Pharmacy Board of New South Wales, Winchcombe House, 52 Bridge Street, Sydney.

Victoria

The end of 1948 is given as the date by which it is expected that the shortage of pharmacists will be made good. Few pharmacies are being offered for sale, and an occasional offer is at a very high price. The establishment of new pharmacies is difficult, as the concentration of pharmacies is greater in this State than in others. There is about one pharmacy per 1,800 population.

Vacancies for pharmacists in hospitals occur infrequently, as only the larger metropolitan and provincial hospitals possess pharmaceutical departments. Wages for a managing pharmacist (forty-six-hour week), as set out under a "Determination of the Shops Board (Chemists)" of the Factories and Shops Acts, are £8 7s. (men), and £7 15s. 6d. (women), with overtime at rate-and-a-half.

The pharmaceutical authority of the State of Victoria is: Pharmacy Board of Victoria, 360 Swanston Street, Melbourne, C.I.

South Australia

With a record number of pharmacy students attending the University of Adelaide, the temporary shortage of pharmacists in the State should be made good within one or two years.

The pharmaceutical authority of the State is: Pharmacy Board of South Australia; Commercial Bank Chambers, 25 King William Street, Adelaide.

Western Australia

Shortage of pharmacists is expected to be made good by the end of 1947.

The pharmaceutical authority of the State is: Pharmaceutical Council of West-

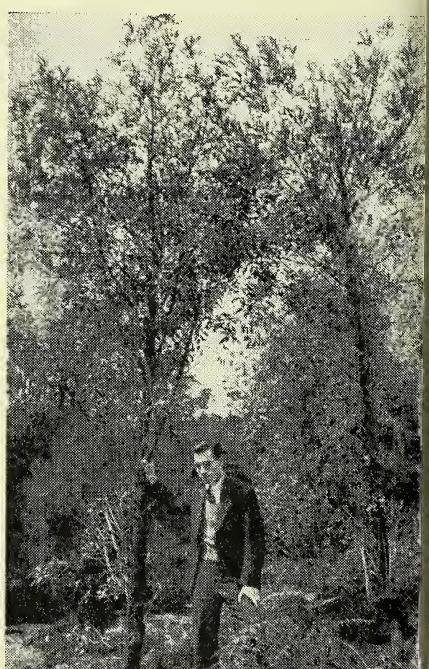
ern Australia, Technical College, St George's Terrace, Perth.

Details of an assisted emigration scheme available to ex-Service men and women and certain former war workers, and general information may be obtained from the Migration Department, Australia House, London, W.C.2.

Tasmania

Pharmacists qualified in Britain may be registered in a way similar to that described under New South Wales. The fees payable are: Registration £5 5s.; annual certificate £1 1s.; and gazetting, 6s. 8d. Specimen minimum wages for the Island (determined by the Chemists' Wages Board) are: manager, £8 10s. 6d.; registered assistant £7 10s. A pharmacist employed in a friendly society's dispensary receives an additional 10 per cent. The pharmaceutical authority of the Island is: Pharmacy Board of Tasmania, 140 Collins Street Hobart.

£1 (Australian) is worth 16s. sterling.



AUSTRALIAN SOURCE OF ATROPINE. Three-year-old trees of *Duboisia myoporoides* at Grose River Richmond, New South Wales.
—Photo by courtesy, Mr. H. A. Beren

GUIDE TO NEW MEDICAMENTS

formation—in a form convenient for mounting on record cards for permanent card-index systems—about new proprietary medicaments supplied principally on a prescription. Their mention in these columns does not imply Editorial recommendation. Limited number of reprints will be made available to subscribers on application.

METHEPH

MANUFACTURER: Moore Medicinal Products, Ltd., Aberdeen.

DESCRIPTION: Methyl ephedrine issued as compressed tablets each containing gr. $\frac{2}{3}$.

INDICATIONS: Spasms of bronchial asthma.

USAGE: One tablet (gr. $\frac{2}{3}$) three times daily, and one or two tablets at bedtime.

HOW SUPPLIED: Bottles of 25 and 100 tablets; and dispensing packages.

NOTES: Claimed that the preparation does not produce the toxic side effects or cerebral stimulation of ephedrine.

TUINAL

MANUFACTURER: Eli Lilly & Co., Ltd., Basingstoke, Hants.

DESCRIPTION: Filled capsules containing the mono-sodium derivatives of propyl-methyl-carbinyl-allyl-barbituric acid and iso-amyl-ethyl-barbituric acid.

USE: As a hypnotic.

USAGE: Gr. $1\frac{1}{2}$ to 3 (hypnotic).

HOW SUPPLIED: Filled capsules containing gr. $1\frac{1}{2}$. (Pulvules No. 303), and gr. 3 (Pulvules No. 304) in bottles of 40, 100 and 500.

SPASCOL

MANUFACTURER: Coates & Cooper, Ltd., 21 Eastbury Road, Northwood, Middlesex.

DESCRIPTION AND FORMULA: 1-gr. (0.06 gm.) compressed tablets containing:—

| | |
|---|------------|
| 1-(3,4,5-Triethoxyphenyl)-6,7-dimethoxyisoquinoline | 0.04 gm. |
| Hyoscine hydrobromide | 0.0001 gm. |
| Extract of belladonna | 0.001 gm. |
| Rhubarb rhizome | 0.005 gm. |

INDICATIONS: Symptomatic treatment of spasms and of spastic dysmenorrhœa.

USAGE: One tablet gives relief lasting from three to six hours. Not more than four tablets to be taken in twenty-four hours.

HOW SUPPLIED: Containers of ten tablets.

NOTES: Rapid action is claimed.

ELIXIR VIRVINA

MANUFACTURER: Sharp & Dohme, Ltd., Hoddesdon, Herts.

DESCRIPTION AND FORMULA: A mixture containing:

| | |
|--|----------------------|
| Thiamine hydrochloride | 4.0 mgm. (1332 i.u.) |
| Riboflavin | 2.0 mgm. |
| Pyridoxin hydrochloride | 0.1 mgm. |
| Nicotinic acid amide | 0.30 mgm. |
| Calcium, sodium, potassium and manganese glycerophosphates (total) | 6.625 gr. |
| Aromatic base to | 1 fl. oz. |

INDICATIONS: Anorexia, digestive disturbances, faulty nutrition, post-operative convalescence, and vitamin B complex deficiency.

USAGE: Adults, 2-3 teaspoonfuls; children, 1-2 teaspoonfuls, three times daily before meals, or as advised by physician.

HOW SUPPLIED: Bottles containing 4 oz., 16 oz., and 80 oz.

PHARMACEUTICAL SOCIETY OF IRELAND

At the November meeting of the Council of the Pharmaceutical Society of Ireland, held in Dublin on November 11, Mr. P. A. Brady (president) was in the chair. Also present were Messrs. T. C. Scott, P. C. Cahill, F. X. Meagher, M. Costello, G. C. O'Neill, P. Brooke-Kelly, H. P. Corrigan, T. B. O'Sullivan, P. F. McGrath, P. Fullam, J. K. Whelehan, C. J. Cremen, M. Power and J. P. Kissane. Apologies for absence were received from Messrs. R. Daly and B. Sullivan.

Before calling on the registrar to read the minutes, THE PRESIDENT asked the Council to pass a vote of sympathy with Mr. John Gleeson (treasurer) on the loss of his wife. The Council rose, and the motion was passed in silence.

A letter was read from the Department of Justice conveying the Minister's approval to a new regulation under which a fee of 10s. 6d. becomes payable for a certificate on registration. The Very Rev. the Dean of Christ Church (Dean Lewis-Crosby) wrote inviting the Society to be represented at a Citizenship Sunday Service to be held on November 16. Mr. T. C. Scott said he would attend the service.

Examiners' Reports

The reports of the examiners on the October examinations showed that of forty-one candidates for the Licence examination twenty had passed, three of them with honours. Of twenty-nine candidates for the assistants' examination, sixteen had passed. The examiners reported that at the assistants' examination the standard of compounding was low.

The reports of the House, Law and Schools Committees were submitted and approved. The report of the Certificates and Declarations Committee stated that of sixty-four candidates who had entered for the forthcoming preliminary registration examination, sixteen were from Cork.

Sale of Poisons

Following discussion of a communication to the Law Committee, the Council urged that members and licentiates of the Society should exercise great care in the sale of Part I poisons. The Council was informed of a man who had on several occasions presented forged medical certificates for morphine; it was decided on the suggestion of MR. MEAGHER to refer the matter to the

Irish Drug Association, which would issue a warning to chemists.

THE REGISTRAR (Mr. James G. Coleman) reported on the deaths of Messrs. O'Connor, M.P.S.I., W. Yeats, M.P.S.I. and J. J. Noonan, M.P.S.I.

A letter was read from the Department of Health inviting the Council to nominate another member, in addition to the president, to act upon the National Health Council being set up under the new Health Act. On the proposal of MR. WHELEHAN, it was agreed that Mr. Scott (vice-president) should represent the Society.

Distribution of Veterinary Products

A letter was read from Glaxo Laboratories, Ltd., referring to a report of the October Council meeting in which complaint had been made about certain firms which withheld veterinary products from retail chemists. Messrs. Glaxo stated the policy was to direct the sale of their products through pharmaceutical chemists. The letter was noted with satisfaction. A letter from another manufacturer stated that the company's policy for selling veterinary products was shortly to be discussed. MR. McKANE read the text of a letter he had addressed to a certain company on behalf of the West of Ireland Chemists' Association. The letter protested at the company's discrimination against pharmacists in the distribution of veterinary products; the discrimination suggested that pharmacists were not to be trusted with such preparations, and that they would use and distribute them indiscriminately. "We feel," continued the letter, "that this stigma constitutes a gratuitous insult to our whole profession. It is interesting to note that the tender solicitude shown by your firm for the bovine population of the land does not extend to members of the human species, as pharmacists have always handled human serums and vaccines without injury or danger to the public." If, said MR. McKANE, chemists' associations in other parts of the country took similar action, the problem would quickly be solved.

The Council considered an offer from the Pembroke Estates of an option on cottages at the rear of 67 Lower Mount Street, Dublin. It was agreed to reply that the conditions on which the property was offered were impossible and could not be accepted by the Society.

On a proposal contained in the House

Committee's report, a letter of congratulation to Dr. Michael Tierney on his appointment as president of University College, Dublin, was approved. The following miners were unanimously reappointed for the year ending November 1, 1948: Dr. Barry (chemistry); Mr. M. J. Mulreany (pharmacy), and Mr. T. J. Burke (registered druggist examiner). The licence certificates of the following were signed and issued: Patrick Boyd, Mary Rosaline Ley, Geoffrey L. V. King, Maeve Annie Lynch, Ethna Lyster, Oona J. McHugh, Michael A. Mortell and Gerald O'Connor. The following were elected members of the Society: Messrs. P. Fitzgibbon, T. A. Mulahan, W. Young, T. C. Frawley, and Miss A. Hourihane. The following were nominated for membership: T. J. Bennett, Boyd, P. J. Cahill, Miss R. Casey, W. J. J., W. E. Herlihy, A. J. Lyons, T. O'Dea and W. E. Thom.

Registration of Assistants

At question time MR. POWER inquired about those who passed the assistants' examination but failed to register. He understood some assistants who had taken the responsibilities of a qualified chemist were not registered. The regulations did not compel them to register, and the matter should be looked into. Some who had passed years ago were still not registered. MR. FULLAM suggested incorporating the registration fee with the examination fee as a way of compelling the assistant to register. MR. CAHILL pointed out that frequently students took the assistants' examination as a trial examination, and then went in for their final. MR. ISSANE said the Society acknowledged that a candidate had passed the assistants' examination when they published the results in the Press. MR. COSTELLO said most candidates regarded the assistants' examination as a stepping stone to the final. MR. POWER asked for statistics on the numbers who passed the Assistants' examination and did not register to be available at the next meeting. MR. MCGRATH wanted also the number of candidates who did not register but passed the final. THE REGISTRAR said he would compile the required figures. After further discussion it was agreed that the registration fee should be incorporated with the assistants' examination fee.

MR. MEAGHER suggested that something should be done to bring the Society's curriculum up to date by including zoology, as was already done in Northern Ireland and

Britain. MR. WHELEHAN said the Council was waiting for a report from Professor Bayley-Butler. On MR. CREMEN'S suggestion it was decided to write to Professor Bayley-Butler to expedite the receipt of his report.

Changes in Register

The following changes of address were notified: Mr. T. J. Bennett, M.P.S.I., to Church Street, Killaloe; Mr. D. W. Bleakley, M.P.S.I., to 17 Frankfort Park, Dundrum, co. Dublin; Mr. W. V. Carwill, M.P.S.I., to 55 Mount Prospect Park, Clontarf, Dublin; Mr. T. McGoldrick, M.P.S.I., to 105 Lower Baggot Street, Dublin; Mr. P. J. Ronan, M.P.S.I., to Dublin Road, Portlaoighise, Leix; Mr. P. J. Cahill, M.P.S.I., to 36 Lower Camden Street, Dublin; Miss E. Connolly, to County Hospital, Monaghan; and Mr. H. E. Deakin, to The Square, Drumcollogher, co. Limerick. An application by Mrs. K. Merlehan (née Butler) M.P.S.I., for change of name in the register on marriage was granted. An application from William Herlihy requesting restoration to the register of pharmaceutical chemists was also granted. The following were granted preliminary registrations: Elizabeth Mary Bannan, Bridget Agnes Cahill, Patrick Joseph Clossick, Philomena Doran, Sheila Bernadette Fehily, Brigid Ita Kelly, Frances Lannin, Desmond Denis Leahy, Jeremiah Francis Long, Mary McCarthy, Rita Philomena McGuinness, Patricia McNamara, Catherine Helen Marques, Laurence Kiran Moloney, Michael Joseph, Mary O'Donoghue, John Berchmans O'Hara, Florence O'Shea, Mary Patricia Sadlier, Mary Sheehan, Philomena Bernadette Turley, and Alice White.

At a meeting of the Benevolent Fund Committee a number of grants were passed for payment.

BELFAST EVENING MEETING

THE first of a winter session series of lectures arranged for its members by the Pharmaceutical Society of Northern Ireland was held in Belfast, on November 12. Dr. E. Walton, M.Sc. (Wellcome Chemical Research Laboratories, England), speaking on "Morphine Substitutes," described the properties, manufacture and uses of recent discoveries. Mr. John McGregor (president, Pharmaceutical Society of Northern Ireland) was in the chair, and a vote of thanks was proposed by Mr. H. W. Boyd and seconded by Mr. W. H. Gamble.

EARLY ENGLISH PHARMACEUTICAL BOOKS

by Denis Duveen, F.R.I.C.

IT is true that the works available in English to Elizabethan physicians and apothecaries were limited in number, but the position was not so bad as one might suppose from an article written by a contributor to THE CHEMIST AND DRUGGIST (August 16, p. 204). This is not the occasion for any attempt at an exhaustive bibliography, but it may be interesting briefly to mention a few works which figure in my own library and which will serve to illustrate the point.

Remedies Agaynste Divers Diseases

"The Secrets of the reverende Maister Alexis of Piemont: contayning excellent remedies agaynste divers dyseases, woundes and other accidentes, with the maner to make distillations in four booke" was printed several times previous to the year 1600, and I have editions dated 1568 and 1595. This voluminous collection of secrets, receipts and prescriptions is full of interest and importance; it forms a treasury of the medical, pharmaceutical and technological knowledge of all the countries of Europe. Alexis of Piedmont was a sixteenth-century physician who dealt in secret remedies. He is said to have been stung by remorse at the death of a person who, as he supposed, might have been saved if only the surgeon in attendance had been in possession of Alexis's secrets, and this caused our author to resolve that his secrets should be given to the world. He therefore composed the work referred to.

Another intriguing work is "The practise of the new and old phisicke wherein is contained the most excellent Secrets of Phisicke and Philosophie, divided into four booke. In which are the best approved remedies for the diseases, as well inward as outward, of al parts of mans body: treating very amply of al destillations, of water, of oyles, balmes, Quintessences, with the extraction of artificial saltes, the use and preparation of antimony and potable Gold." This is a book by Conrad Gesner, which was "corrected and published in English by George Baker" in 1599, and had been previously published by George Baker in 1576 under the title of "New Jewell of Health." Conrad Gesner, a highly learned, versatile and interesting character, was one of the great bibliomaniac Osler's favourite authors.

George Baker (1540-1606) was also a character. He was a member of the Barber Surgeon's Company and became Master in 1597; he was attached to the household of the Earl of Oxford and later to that of Queen Elizabeth. He was an intimate of Gerard (of the Herball). Whilst having a very large practice in London, he possessed a turbulent and quarrelsome character. Thus we read that, in 1577, at the Court of the Barbers' Company, there "was a greate contention and stryffe ended between George Baker and William Clowe (Warden 1594) for that they, to the contrary of order and the good and holsome rules of this howse, misused each other and fought in the fields together" (Annals of Barber Surgeons). It appears that they became reconciled later. Baker has an exceptionally good and highly pungeon style of English and this probably helped to exacerbate his various opponents. The book was printed by Peter Short, who produced a number of very famous works including Shakespeare's "Henry IV, Part 1" (1578), and his Lucrece (1598), Foxe's "Book of Martyrs" (1596-97) and Gilbert's classical "De Magnete" (1601).

Vertuouse Book of Distyllacyon

A further book available in English was Hieronymus Brunschwig's "The vertuouse book of the distyllacyon of all manner of waters of the herbes" Three English editions of this important work were published between 1527 and 1530. The book is strictly practical in character and is a comprehensive textbook of pharmaceutical therapeutics of the period. The preparation of compounded and simple medicines is thoroughly described and a detailed idea of the application of chemical methods to the medical practice of the period is given. Another different type of book is Joseph Duchesne's "The practise of Chymicall, and Hermetical Physicke, for the preservation of health . . ." This was translated by Thomas Tymme and published in 1605. The author known also by the latinised form of his name, Quercetanus, was a French physician and chemist of repute who was born in Armagnac about 1544 and died in 1609. The book is a curious mixture of alchemy and occult nonsense with highly practical recipes and instructions for the prepara-

on of various pharmaceutical preparations. This curious mingling of speculative and operative chemistry is frequently met with in the period with which we are concerned and this is one of the main factors causing the great difficulty to be met when any attempt is made at a clear cut separation between literature pertaining strictly to the history of chemistry and that belonging to alchemy in its theosophical aspect.

We may also notice Nicolas Monandes' Joyfull news out of the New-found Worlde. Wherein are declared the rare and singular vertues of divers Herbs, Trees, antes, Oyles and Stones with their applications, as well to the use of Phisicke as of chirurgery Englished by John Frampn." The author was the most distinguished Spanish physician of his time and this English edition was published in 1596.

Attention must, in fairness, be drawn to the fact that all these books were translations of works originally written and printed abroad and it would seem as if but little original work on the subject was printed in England during the XVI century.

[“Adest” writes: Mr. Denis Duveen is to be congratulated on possessing so many sixteenth-century English books. When, however, in his preceding article he writes that the position arising from a limitation in their number “was not so bad as one might suppose from an article” of which I am the author, it appears to have escaped his notice that he and I have been referring to two different kinds of books. Those he mentioned were in English, for the information and instruction of anyone who could read; those I referred to were in Latin, for study by physicians and apothecaries.]

WHITLEY COUNCIL PROPOSED FOR PHARMACY

In the course of an address to the Edinburgh and South-eastern Scottish Branch of the Pharmaceutical Society on October 9, Mr. F. C. Wilson (a member of the Society's Council) discussed the way in which the establishment of a Whitley Council would affect negotiations for the payment of chemists under the National Health Service.

Of Major Importance.”

A development of major importance to pharmacists, said Mr. Wilson, was the proposal of the Ministry of Health to establish Whitley Council machinery for negotiating the financial return to various classes of pharmacists under the National Health Service. The present proposals were that a Whitley Council should be established between the pharmaceutical profession and the civil service. The employers' side of the Whitley Council would consist of representatives of the Ministry, with a senior official of the Ministry as chairman. The employees' side would be represented possibly by the National Pharmaceutical Union, the Company Chemists' Association, the Co-operative Union, the Pharmaceutical Society and the Guild of Public Pharmacists. The Council would have the duty of negotiating the terms of service of chemists contracting under the scheme, and also of those employed in the hospital service. It seemed likely that two special subcommittees would be formed, one consisting of the Ministry

with the N.P.U., companies and co-operatives, and the other consisting of the Ministry with the Guild. Each subcommittee would report to the full Council, which would have the duty of making final decisions. Trade unions had not yet been considered eligible for representation on the Whitley Council, although he believed that the Trades Union Congress would be able to bring sufficient pressure to bear upon the Ministry to secure representation. If so, pharmacy would in effect be represented, as was originally intended, by a joint committee. Negotiations between the Ministry and the retail side of pharmacy would be carried out by the Central N.H.I. Committee and the Ministry, as a subcommittee of the larger central authority. This was precisely the machinery suggested by the Joint Committee on a National Pharmaceutical Service many months previously and dismissed by the conferences of the Pharmaceutical Committees. To co-ordinate the work of the eight Whitley Councils proposed, it was suggested there should be a Central Council. The staff side representations were likely to be divided as follows: four medical, two dental, two optical, two pharmaceutical, four nurses and midwives, two for other professional grades, three for ancillary grades and two for administrative and clerical staffs. The suggestions would be discussed between the representatives of the Ministry of Health and of the pharmaceutical organisations concerned.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, Nov. 19

No changes of major importance have occurred in the PHARMACEUTICAL and FINE CHEMICALS markets, with prices in all sections fully maintained. There has been a good volume of inquiry for ASPIRIN, supplies of which are still limited by the shortage of acetic anhydride. The rates for aspirin are unchanged. The prices of ETHER, anaesthetic, B.P., and technical grades, packed in containers from 4 oz. to 1 lb., are higher, but there has been no change in the basic rate; an adjustment in the filling charges is responsible for the increased prices for small containers. SULPHANILAMIDE is tending firmer with offers from 6s. to 7s. 6d. per lb., according to quantity and pack. To what extent the Geneva tariff agreement will affect drugs and chemicals is not yet known, but the trades will be informed of the tariff concessions in due course. Some countries have agreed to apply the concessions from the end of the year on a provisional basis. Existing tariff rates will remain unchanged until this has been done, or, in the event of countries not having applied the concessions by January 1, 1948, until they have agreed to do so.

Crude Drugs

Rather more activity has been shown in most sections of the CRUDE DRUGS market, largely in seasonal items. CAMPHOR has received a good inquiry and ½-oz. tablets have been selling well; prices of powder are unchanged but merchants are asking higher prices for tablets. CASCARA SAGRADA continues firm on spot with U.S. shippers quoting 34 cents f.o.b. for whole bark and 37 cents for cut. It is understood that stocks of CALABAR BEANS have been cleared and that little, if any, CALUMBA is available. IPECAUCANHA continues firm with some traders holding out for as much as 30s. for spot Nicaraguan root. KARAYA is dearer on spot: considerable quantities have been disposed of and replacements are at higher prices, with the market rising daily at source. Bombay is quoting No. 1 quality at 198s. 6d. f.o.b. LIQUORICE ROOT and JUICE are active items. The Turkish Government has ceased issuing export licences for goods intended for the sterling area and there are few shipments of Anatolian liquorice. Spot supplies are quoted dearer at 55s. per cwt., but there have been sellers at lower prices. Syrian liquorice root is available at about the same figure. No changes are shown in MENTHOL quotations: there is now little Brazilian material afloat and this is offering at 44s., c.i.f., sellers' licence. Good business has been done in MYRRH for export. Stocks of ORRIS

are low and prices of both Florentine and Verona varieties have sharply advanced. SENEGA remains firm. STROPHANTHUS difficult to find and some "long" prices are being asked. A fair business in STYRAX reported to have cleared the market. TRAGACANTH is an easier market.

Essential Oils

The inquiry for medicinal essential oils continues on a fair scale but perfume items are dull. The spot market is steady with few price alterations: GERANIUM Bourbon, is easier and lower quotations are made for English-distilled NUTMEG oil. CANANGA is easier forward. SASSAFRAS tending firmer. Supplies of CORIANDER are still very difficult; in the absence of Syrian seed, English-distilled oil will continue scarce. In the SYNTHETICS and ISOLATES lower figures are quoted for GERANIOL, Java oil, which is now available at price from 32s. 6d. per lb.

U.S. Drug and Chemical Report

New York, November 1

IMPORTS of CRESYLIC ACID into the United States from the United Kingdom have been declining and are becoming more irregular. With domestic production completely inadequate to meet demand the position has become even tighter than hitherto. A further consignment of CAUSTIC SODA has reached the U.S. from Europe—in this instance from le Havre in France. Together with earlier shipments from Antwerp, a total of approximately 500 tons of this alkali have now been landed, but there has been no improvement on the market here owing to the scheduled re-export of the bulk to Latin American countries.

The markets for FINE CHEMICALS were featured during the week by price increases for ETHYL ACETATE of two cents per lb. and a reduction for VITAMIN B₆ (pyridoxin) which is now available at \$550 per kilo compared with \$650 previously. A better demand on spot and strength in primary markets resulted in higher prices for natural MENTHOL, the material now being quoted at \$9.00 to \$9.15 per lb. It was thought in some trade circles that the price will shortly advance to \$10 per lb. Offerings of Japanese menthol for December-January shipment are reported at a price of \$8.65, c. and f., which is equivalent to \$9.30, duty paid. There is very little inquiry from abroad for COD-LIVER OIL. CARNAUBA WAX eased during the week and yellow grades were offered at prices slightly below recent levels; fatty types showed considerable weakness. OURICURI WAX prices are unchanged. Because of the small

between carnauba and ouricuri prices, it is thought that wax consumers may abandon ouricuri which some had been using as a partial substitute for carnauba. The U.S. took more than half of the total imports of carnauba wax from Bahia, Brazil, over the first seven months of the year; the total exported amounted to 124 tons, of which the U.S. received 66 tons. Little demand is noted on the ESSENTIAL OILS markets although BERGAMOT, LEMON, CINNAMON and DILL all show moderate strength. Some improvement in inquiries in the food trade, pharmaceutical manufacturers and confectioners is reported.

Pharmaceutical Chemicals

ACETANILIDE.—Prices are fully maintained with makers' quotations for 1-cwt. lots in kegs at 2s. 6d. per lb. for crystals and 12s. 7d. per lb. for powder.

ALLOBARBITONE.—Current price for 10-lb. lots is 90s. per kilo; smaller quantities quoted at 99s. per kilo.

AMPHETAMINE.—Steady. Prices for the base and SULPHATE are from 150s. to 160s. per lb., as to quantity.

ANETHOLE.—Spot quotations are from 4s. to 12s. 6d. per lb., according to quantity.

ASCORBIC ACID.—Current quotations are from £23 10s. per kilo, upwards.

BARBITONE.—Quotations range from 45s. to 50s. per lb., according to quantity. TABLET is available at the same prices.

BROMINE COMPOUNDS.—Current prices per lb. are as follows: BROMOFORM, B.P.C., 9d.; CADMIUM, crystals, 13s.; CALCIUM, 10d.; ETHYL, 9s. 6d.; LITHIUM, 11s. 9d.; HYDROBROMIC ACID, B.P.C., 6 Winchester arts.; 2s. 3d., and smaller quantities.

1d.; DILUTE ACID, B.P., 3 Winchester arts.; 1s. 4d.; CONCENTRATED 40 per cent. Winchester quarts, 2s. 5½d., and smalls, 3½d.; CONCENTRATED, 50 per cent., 6 Winchester quarts, 3s. 1½d., smalls, 3s. 11½d.

DIGITALIN.—Crystals (French Codex) quoted at 170s. per gm.

DIGITOXIN.—Current quotations are in the region of 170s. per gm.

EMETINE.—Makers' prices per oz. are as follows: HYDROCHLORIDE, 1 oz., 207s.; 2oz., 200s.; 16 oz., 197s. 6d.; 32 oz., 195s. ISMUTH IODIDE, 1 oz., 103s. 6d.; 4 oz., 12s.; 16 oz., 100s. 6d.; 32 oz., 99s.

MAGNESIUM CARBONATE (POND., B.P.).—Current rates per lb. in the home trade are as follows (containers in brackets): 28 lb. 1 cwt., 1s. 9d. (1-lb.); 1s. 8d. (2-lb.); 1s. 7½d. (4-lb.); 1s. 6d. (7-lb.); 1s. 6d. (14-lb.); 1s. 5d. (28-lb.) per lb. Bulk quantities range from 121s. to 131s. per wt., as to quantity, in 28-lb. packages, carriage paid.

MAGNESIUM OXIDE (B.P. LEVIS).—Prices in the home trade (per lb.) are as follows:

Containers in brackets. 28 lb. to 1 cwt., 3s. 5d. (1-lb.); 3s. 4d. (2-lb.); 3s. 3½d. (4-lb.); 3s. 2½d. (7-lb.); 3s. 2d. (14-lb.); 3s. 1d. (28-lb.) per lb. Bulk quantities range from 2s. 4½d. to 2s. 6d. per lb. in 28-lb. packages, as to quantity, carriage paid.

MAGNESIUM TRISILICATE (B.P.).—Prices (per lb.) in the home trade are unchanged. Containers in brackets. 28 lb. to 1 cwt., 4s. 4d. (1-lb.); 4s. 3d. (2-lb.); 4s. 2½d. (4-lb.); 4s. 1½d. (7-lb.); 4s. 1d. (14-lb.); 4s. (28-lb.) per lb. Bulk quantities range from 3s. 2d. to 3s. 4d. per lb. in 28-lb. packages, as to quantity, carriage paid.

PHENOLPHTHALEIN.—Manufacturers' prices per lb. are as follows: 1-cwt. lots, 6s. 1d.; 28-lb., 6s. 3d.; 14-lb., 6s. 6d.; 7-lb., 6s. 9d.

POTASSIUM PERMANGANATE.—Prices are unchanged and are as follows: B.P. (in 1-cwt. drums), 1 cwt. and over, 1s. 8½d. per lb.; 3 cwt. and over, 1s. 8d. TECHNICAL (in 1-cwt. drums), 1 cwt. and over, 166s. 3d. per cwt.; 3 cwt. and over, 161s. 9d.; 5-cwt. and over, 159s. 3d.; 1 ton and over, 156s. 9d.; 4 tons and over, 154s. 3d. TECHNICAL (in 5-cwt. drums), 5 cwt. and over, 156s. 9d. per cwt.; 1 ton and over, 154s. 3d.; 4 tons and over, 152s. Terms, net, carriage paid to nearest station, containers extra and returnable.

STEARATES.—Current rates per cwt., in 1-cwt. lots, are as follows: ALUMINIUM, 235s. 6d.; CALCIUM, 217s. 6d.; MAGNESIUM, 237s. 6d.; LEAD, 240s. 6d.; ZINC, 222s. 6d. 5-cwt. lots are 2s. 6d. per cwt. less, and 1-ton lots 7s. 6d. less per cwt. than above prices. Carriage paid in the U.K.; packing free.

STILBESTROL.—Quotations are at from 2s. 3d. to 2s. 6d. per gm. STILBESTROL DIPROPIONATE is available at the same prices.

STROPHANTHIN.—Makers' quotations for B.P. is at 14s. per gm. and for OUABAIN (STROPHANTHIN K.), 8s. 6d. per gm.

TANNIC ACID.—In very short supply. B.P. LEVIS, ex ether, from 10s. 6d. per lb., according to quantity.

TEREBENE.—Rates per lb. are as follows: Carboys, 3s. 9d.; 24 Winchester quarts, 3s. 10½d.; 12, 4s. 1½d.; 6, 4s. 5d.

THYMOL.—B.P.—In short supply. Quotations are from 18s. to 18s. 9d. per lb.

ZINC SALTS.—Prices per lb. are as follows: ACETATE, B.P.C., 3s. 9d. to 4s. 1d.; CARBONATE B.P.C., 1s. 11d. to 2s. 5d.; CHLORIDE, B.P. (white), fused, 3s. to 3s. 4d., stick, 3s. 10d. to 4s. 2d.; IODIDE, B.P.C., 18s. 9d.; OXIDE, B.P., 11d. to 1s. 2½d., prepared from carbonate, 5s. 6d. to 6s.; PERMANGANATE, B.P.C., 9s.; SULPHATE, B.P., 44s. 6d. per cwt.; powdered, 51s. 6d. to 65s. 6d. per cwt.; excised, 10d. to 1s. 1d. per lb. The above price ranges are according to quantity.

Crude Drugs

ACONITE.—Indian root is steady at from 37s. to 380s. per cwt., according to holder.

ALOES.—Steady. Cape is quoted at 165s. spot; shipment, 142s., c.i.f. Curaçao in boxes is quoted at 235s. to 245s., spot; forward, 215s. to 220s., c.i.f. Socotrina is available at from 156s. to 190s. per cwt.

ANISE (STAR).—Steady and quiet; quotations are from 120s. to 130s. per cwt.; shipment, 110s., c.i.f.

ANTIMONY.—Current rates are as follows: 99.6 per cent., regulus, £190 per ton delivered; 99 per cent., £180; 70 per cent. crude, £150.

ARECA NUTS.—Quiet and steady, with Ceylon at 65s. to 67s. 6d. per lb., spot.

ARNICA FLOWERS.—Spot, a parcel is offered at 3s. per lb.

ASAFOETIDA.—Block on the spot is quoted from £25 to £28 per cwt., according to quality and seller.

BALSAMS.—*Canada* is quoted at 17s. per lb., spot. Pará *Copaiba*, spot, 8s. per lb. for soluble and 7s. 3d. for insoluble. *Peru*, San Salvador, 6s. 9d. to 7s. per lb., duty paid. *Tolu*, 18s. per lb., spot.

BENZOIN.—Steady. Sumatra, spot, is quoted at from £15 to £18, according to quality and seller.

BISMUTH.—Current price of high-grade metal is 11s. per lb. for quantities of 5 cwt.

BUCHU.—Old-crop short-round or oval leaves are quoted at 4s. 2d. to 4s. 3d. per lb., spot; shipment, 4s., c.i.f.

CAMPHOR.—Chinese tablets (4-oz.) are in good demand and prices have moved up to 11s. 6d. to 11s. 9d. per lb.; refined powder (B.P.), 10s. 3d. to 10s. 6d. Formosa (B.B.), 9s 6d. to 10s.; 2½-lb. slabs, afloat, quoted at 10s. 6d. per lb., landed, duty paid. Chinese crude 93-95 per cent., 7s. per lb.

CANTHARIDES.—Spot quotations for Chinese are 12s. 6d., duty paid; near afloat, 11s. 6d. landed.

CAPSICUMS.—Quiet and steady. East African, spot, steady at 120s. to 140s. per cwt., according to quality.

CARDAMOMS.—A fair inquiry is reported at unchanged prices. Mangalore: Half-bleached, A's, are quoted at 8s. 6d.; B's, 8s.; seeds, 7s. (nominal), spot. Aleppy seeds No. 1, offered at 7s. 9d.; Aleppy greens, 6s. 9d. per lb., spot.

CASCARA SAGRADA.—American current-crop is quoted from 245s. to 255s. per cwt., duty paid; 1946 peel is offered at prices from 255s. to 260s., duty paid.

GUM ACACIA.—Kordofan cleaned sorts, quoted at 72s. 6d. per cwt., London or Liverpool; shipment, 69s., c.i.f. Bleached No. 1, 145s., ex store, Talha, 42s. 6d. per cwt., spot; 38s. 6d., c.i.f.

GUM MASTIC.—Spot. No. 1 is available at 14s. per lb., duty paid.

IPECACUANHA.—Merchants are asking from 28s. to 30s. per lb. for Nicaraguan on the spot; shipment, 26s. to 26s. 6d., c.i.f. Colombian root, spot, quoted at 28s. and shipment at 24s., c.i.f.

KARAYA.—Indian prices have risen and spot is dearer, with No. 1 gum quoted at 220s., and No. 2 at 180s. per cwt.

LIQUORICE ROOT.—Anatolian whole root is dearer at 55s. per cwt., spot. Turkish juice (block) is available from 240s. to 250s. per cwt., duty paid; shipment, 225s. c.i.f.; Turkish stick (2-oz.) is offered at £455 10s. per ton, spot. Italian stick (1-oz. and 2-oz.) is available on the spot at prices ranging from £420 to £535 per ton, according to quantity and brand.

MENTHOL.—Firm. Brazilian material on the spot, 50s. to 51s. per lb., duty paid little afloat, offering at 44s., c.i.f. sellers licence. Chinese, in original cases, is quoted at 57s. 6d. to 60s. per lb., duty paid.

MERCURY.—Spot quotation is £16 per flask, ex warehouse; for shipment, £15 8s. c.i.f. U.K.

MYRRH.—Steady and quiet. Aden sorts is quoted at £14 to £15 10s. per cwt. according to quality; siftings, £8 to £10 per cwt., spot.

NUTMEGS.—West Indian 80's are quoted at 3s. 3d. per lb.; sound unassorted, 2s. 6d. wormy and broken, 1s. 8d. East Indian 80's, 4s., spot, quoted.

NUX VOMICA.—Madras is steady at 40s. to 42s. 6d. per cwt. Mangalore, 40s.; Cochin, 42s. 6d. to 45s., spot, as to seller.

OLIBANUM.—Fair to good drop is quoted from 200s. to 240s. per cwt.: pea size, 220s.; good garblings, 180s.; seeds, 175s.; siftings, 110s.

ORANGE PEEL.—Spot; Spanish quarters are offered at 1s. 3d. to 1s. 6d. per lb.; sweet ribbon is quoted at 1s. 9d.; bitter ribbon, 1s. 3d. in Liverpool.

ORRIS.—Supplies of Florentine are rather low on spot and holders ask 185s. to 195s. per cwt., according to quality; Verona is quoted at 75s., spot.

PAPAIN.—East African on the spot is quoted at 31s. to 32s. 6d. per lb., according to holder.

PIMENTO.—Spot, nominal at 1s. 5d. per lb.; parcels afloat are quoted at 119s. per cwt., c.i.f.

QUINCE SEEDS.—Cape, on the spot, is quoted at 5s. 9d. to 6s. per lb.

RHATANY.—Spot steady at 11d. per lb.

RHUBARB.—In fair demand with prices steady. Chinese rough-round on the spot ranges in price from 5s. to 7s. per lb., according to quality; afloat, 5s. 3d. to 5s. 6d., duty paid.

SANDARAC.—Quotations are at 5s. 9d. per lb., ex store London.

SARSAPARILLA.—Jamaican native red, quoted at 2s. 3d. to 2s. 4d. per lb., spot.

SEEDS.—**ANISE.**—Turkish quoted at 8s. 10d. per lb. duty paid, spot London. Cyprus offered at 1s. 10½d. per lb., spot London or Liverpool; shipment quoted at 80s. per cwt., c.i.f. **CARAWAY.**—Dutch quoted 1s. to 1s. 1d. per lb., duty paid; very little business reported. **CELERY.**—Unchanged. Indian quoted at 1s. 3d. per lb., spot Liverpool. **CORIANDER.**—Market firm. Morocco old-crop quoted at 52s. 6d. per cwt., duty paid; Argentine November-December shipment has not yet arrived; 10s. per cwt., duty paid, quoted. English, nominal, 75s. to 80s. per cwt. **CUMIN.**—Market unchanged, Indian quoted at 225s. per cwt., ex store Liverpool or Hull; Cyprus offered at 222s. 6d. per cwt., ex harbour London. **DILL.**—Quiet and unchanged. Indian, 45s. per cwt., spot London, and 42s. 6d. per cwt., ex store Liverpool. **FENNEL.**—In more demand. Indian imported sold at 72s. 6d. per cwt., ex store Liverpool. **FENUGREEK.**—Unchanged. Indian quoted at 47s. 6d. per cwt. in London, and 45s. per cwt., spot Liverpool.

SENEGA.—Firm. Spot is quoted at 2s. 6d. per lb., shipment, 11s. 9d., c.i.f.

STRAMONIUM.—Hungarian, on the spot, offered at 115s. per cwt.

STROPHANTHUS.—Stocks have been materially reduced and some holders are now asking 10s. 9d. per lb. for Kombé, 100 per cent.

STYRAX.—Very little available on the spot; nominal quotation 5s. per lb.

TAMARINDS.—Barbadoes is quoted at 2s. 6d. per cwt., duty paid.

TONKA BEANS.—Frosted Pará is quoted 5s. per lb., spot.

TRAGACANTH.—There are good supplies in the spot and the market is easier. White bignon, selected, ranges from £133 to £138 per cwt.; other grades of white from £65 to £110. Pale leaf is quoted from £38 to 58; amber from £27 to £37; red, £14 to 19; hoggy material, £7 to £11 per cwt.

UVÆ URSI.—A parcel is offering at 1s. 1d. per lb., spot.

VALERIAN.—Belgian root is at 180s. to 24s. per cwt., according to holder.

WAXES.—Dar-es-Salaam BEES' is scarce; spot quotation is 380s. per cwt., and shipment, 360s., c.i.f. Benguela is offered at 35s., duty paid, and 330s., in bond; shipment, 305s., c.i.f., buyers' licence, quoted.

ANDELILLA.—Steady at 415s. per cwt., spot; shipment, 390s., c.i.f. **CARNAUBA.**—atty grey is quoted unchanged at 580s. per lb.; afloat, 500s., c.i.f.; shipment, 445s., c.i.f. Prime yellow is available at 810s. per lb.; shipment, 750s., c.i.f. **MONTAN.**—Steady; Reibbeck, 390s. per cwt., spot; zechoslovak crude, 325s., spot. **OURICURI.**—Spot, 8.8 per cent., dearer at 375s. per lb. Shipment, 1 per cent., 400s., c.i.f.; 5 per cent., 380s., c.i.f.; 5 per cent., 360s., c.i.f.

Essential and Expressed Oils

ALMOND.—B.P. (sweet) is now quoted at from 10s. 6d. to 12s. 6d. per lb. but there are still sellers at lower values. Bitter oil (s.a.p.) is steady at 55s. to 60s. per lb.

ANISE.—Spot is steady at 6s. 6d. to 7s. per lb. for drums; near afloat, 6s. 6d., c.i.f., for drums and 7s., c.i.f., for tins in cases.

CADE.—Current prices for spot supplies are from 4s. to 5s. 6d. per lb.

CANANGA.—Java oil, spot, is quoted from 35s. to 40s. per lb.; the forward market is tending easier.

CINNAMON.—Ceylon bark oil is quoted from 10s. to 12s. 6d. per oz., according to quantity; English-distilled, from 24s. to 40s. per oz. B.P. oil is offered at 85s. to 90s. per lb. Leaf oil, spot, from 9s. 6d. to 11s. per lb.

CLOVE.—In good demand; quotations for English-distilled bud oil are from 11s. 6d. to 12s. per lb.

CORIANDER.—English-distilled oil is quoted at 250s. per lb.

FENNEL.—Sweet oil is quoted at 17s. 6d. to 20s. per lb., on the spot.

GERANIUM.—Bourbon is quoted from 65s. to 70s. per lb., according to quantity and grade; shipment offers, 57s. 6d., c.i.f.

GINGER.—Prices are quoted from 75s. to 125s. per lb., according to grade.

GUAIACWOOD.—Spot quotations are from 16s. to 19s. per lb., according to quantity and seller.

JUNIPER BERRY.—Good quality oil is quoted from 30s. to 35s. per lb.; English-distilled quoted from 50s. upwards per lb., according to quality and seller.

LAVANDIN.—Spot quotations are unchanged at 11s. 6d. to 13s. 6d. per lb.

LAVENDER.—Steady. French is quoted from 35s. to 45s. per lb., according to quantity and grade. Spanish (spike), 10s. 6d. to 13s. per lb., spot.

LEMONGRASS.—Steady; spot supplies, 6s. 9d. to 7s. 6d. per lb., according to quantity and seller.

LIME.—West-Indian distilled oil is quoted from 26s. per lb., spot.

LINSEED.—Controlled price of crude is £200 per ton, naked ex works.

NEROLI.—Forward offers are from 65s. to 90s. per oz., according to quality.

NUTMEG.—English-distilled oil is offered at from 40s. to 43s. per lb.

PENNYROYAL.—Spot is steady at from 23s. to 25s. per lb.

SASSAFRAS.—Prices asked for Brazil range from 6s. 6d. to 8s. per lb., according to quantity and holder.

THYME.—Red oil (40-42 per cent. phenols), 13s. 6d. to 16s. per lb.; white oil, 17s. to 18s. 6d. per lb., spot.

TURPENTINE.—Rectified (B.P.) is quoted at 2s. 6d. per lb. in carboys.

TRADE MARKS

(From "The Trade Marks Journal," October 22)

- "**ZIEGFELD PETTICOAT GIRL**"; in distinctive lettering (word "Ziegfeld" disclaimed); for cosmetic containers in this Class (3). By Allied Plastics Co., 5225 Wilshire Boulevard, Los Angeles, California, U.S.A. 648,857 (Associated).
- "**L'ARGON**"; in distinctive lettering; for non-medicated toilet preparations, cosmetics, perfumes and soaps (3). By Blooms Beauty Preparations, Ltd., 78 Wigmore Street, London, W.1. 648,980.
- "**GAGSTICK**"; for non-medicated toilet preparations in the form of sticks (3). By William James Davies, Maindy Works, North Road, Maindy, Cardiff, Glam. 649,268.
- "**PASSION DE ZOFALY**" in distinctive lettering; for non-medicated toilet preparations, cosmetics, perfumes, soaps, essential oils, hair lotions and dentifrices (3). By J. Crespin & M. Laurens Frings & Cie, 59 Rue Galilee, Paris, France. 649,319.
- "**BRIGAND**"; for toilet preparations (not medicated), perfumed soap and perfumes (3). By Société d'Etudes et d'Expansion de la Parfumerie de Luxe, 20 rue de la Paix, Paris, France. 649,796.
- "**C'EST FOU**"; for toilet preparations (not medicated), cosmetics, perfumes and perfumed soap (3). By André Gérard, 296 Regent Street, London, W.1. 649,876.
- "**KLENZAN**"; for bleaching preparations for laundry or domestic use, and cleaning and polishing preparations (3). By A. Ibbetson & Co., Ib-co Works, Great North Road, Stevenage, Herts. 650,321.
- "**MILDEX**"; for bleaching preparations for household purposes; preparations for laundry purposes; cleaning and abrasive preparations, etc.; detergents, non-medicated toilet preparations and soaps (3). By Walter Raguschanski, 43 North End Road, London, N.W.1. 650,684.
- "**JAHANARA**"; for perfumes, perfumed soap, essential oils, cosmetics and non-medicated toilet preparations (3). By Edward Charles Oxford and Mohsin Mirza, trading in co-partnership, 25 Winchester Avenue, London, N.W.6. 650,986.
- "**COLARAL**"; for perfumes, toilet preparations (not medicated), cosmetics, dentifrices, depilatories, toilet articles (not included in other Classes), sachets for hair waving, soaps and essential oils (3); for all goods (5). By Ashe Laboratories, Ltd., 120-22 Victoria Street, London, S.W.1. 651,093-94 (Associated).
- "**ACETEST**"; for pharmaceutical preparations (5). By Ames Co., Inc., 1127 Myrtle Street, Elkhart, Indiana, U.S.A. 644,006.
- "**PAN-CAKE**"; for pharmaceutical preparations for use in the prevention of dermatitis (5). By Max Factor & Co., 1666 North Highland Avenue, Hollywood, California, U.S.A. 646,353 (Associated).
- "**A.L.63**"; for insecticides for export (5). By Cooper, McDougall & Robertson, Ltd., Ravens Lane, Berkhamsted, Herts. B647,837.
- "**PYRET**"; for insecticides (5). By The Strawson Chemical Co., Ltd., 79 Queen Victoria Street, London, E.C.4. 649,130 (Associated).
- "**SCRUBB'S**" in distinctive lettering; for antiseptic and germicidal preparations (5). By Scrubb & Co., Ltd., Wimbledon Factory Estate, Morden Road, Wimbledon, London, S.W.19. B648,203 (Associated).
- "**KOLIPED**"; for pharmaceutical preparations and substances for the treatment of the feet (5). By Frank William Cole, 314 Gloucester Road, Bristol, 649,518.
- "**CREMOSUXIDINE**"; for all goods (5). By Sharp & Dohme, Ltd., 4 Brocket Road, Hoddesdon, Herts. 649,653 (Associated).
- "**LOREXANE**"; for pharmaceutical preparations for human and veterinary use; and sanitary substances (5). By Imperial Chemical (Pharmaceuticals), Ltd., Wexham Road, Slough, Bucks. 649,921.
- "**AGRONE**"; for preparations for killing weeds (5). By Plant Protection, Ltd., Yalding, Kent. 650,122 (Associated).
- "**EXAMONE**"; for pharmaceutical preparations in tablet form for use in the treatment of skin diseases (5). By Allied Laboratories, Ltd., 140 Park Lane, London, W.1. 650,335.
- "**DOUBLEZONE**"; for deodorising preparations (5). By E. Godgin & Sons, Rose Cottage, Silwood Street, Rotherhithe, London, S.E.16. B650,408.
- "**KAPILIN**"; for pharmaceutical preparations of vitamin K for human and veterinary use, being for export (5). "**ERBOLIN**"; for medicated preparations of ergot for human use in obstetrics, being goods for export to Turkey (5). By Glaxo Laboratories, Ltd., 891-995 Greenford Road, Greenford, Middlesex. 651,024 and 651,226 (Associated).
- "**SYNVIROT**"; for pharmaceutical purposes (5). By British Schering, Ltd., 167-69 Great Portland Street, London, W.1. 651,417.
- "**VERRASEPT**"; for pharmaceutical preparations and substances (5). By Hirst, Brooke & Hirst, Ltd., Sheepscar Works, Sheepscar Street South, Leeds. 651,525.
- "**ASPIR-PUFF**" "**ASPA-VAPA**"; for aspirin in powder form (5). By Luyties Laboratories, Ltd., 176 Bedford Avenue, Trading Estate, Slough, Bucks. 651,920 and 651,926 (Associated).
- "**AUDIX**"; for electric instruments and apparatus included in this Class and scientific instruments and apparatus (9). By British Binoculars, Ltd., Sheldrake House, Cobourg Road, London, S.E.5. 643,592.
- Design of a Tudor rose; for optical appliances and apparatus, etc. (9). By Rosedale Associated Manufacturers, Ltd., Central House, 34-36 Oxford Street, London, W.1. 649,196 (Associated).
- "**SWANSDOWN**"; for toilet paper, paper handkerchiefs and face cleansing paper (not being medicated); paper wadding (not for pharmaceutical purposes); and tissue paper (16). By Swan Mill Paper Co., Ltd., 92 Regent Street, London, W.1. 635,190 (Associated).

APPLICATIONS AMENDED AFTER ADVERTISEMENT
 The address of the Applicants for Trade Marks Nos. 647,396 and 647,397 has been altered so as to read: "Regis House, King William Street, London, E.C.4."

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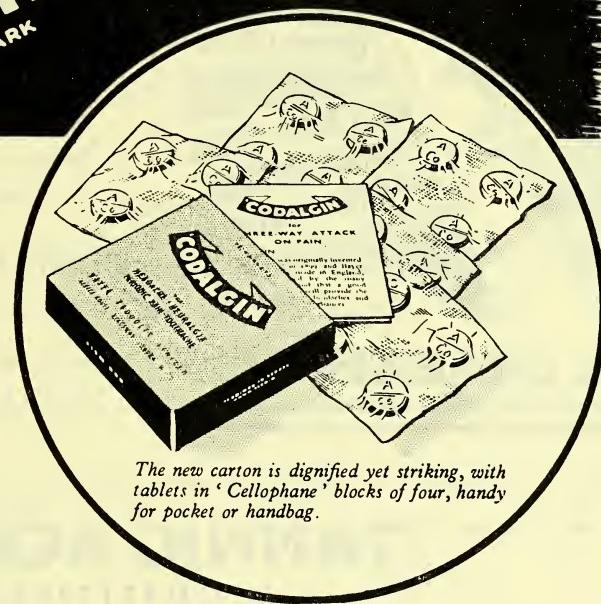
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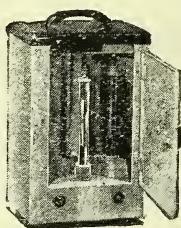
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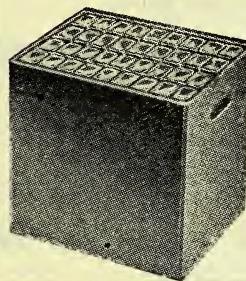
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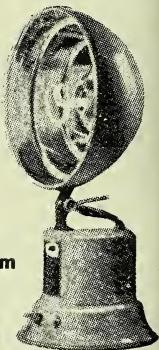
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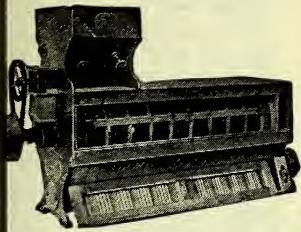


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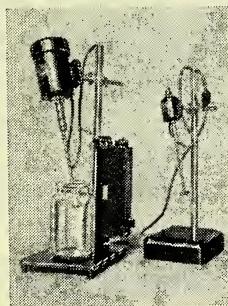


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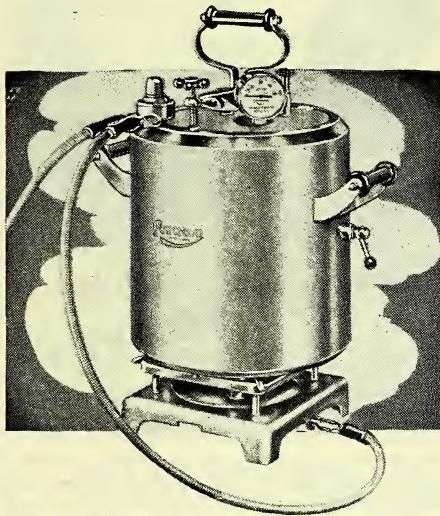
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Wholesale trade enquiries to :
Factory : Oakley Works, Acton, London, W.4

BOTTLES & JARS for Sale

1 dram, 2 dram and 4 dram
PERFUME BOTTLES
8 dram **NAIL VARNISH**
STYLE BOTTLES
1-oz. and 2-oz. **FANCY**
BOTTLES (All the
above with Black Plastic Screw
Caps).

1-oz. and 2-oz. **SQUAT JARS**
with Enamelled Metal Screw
Caps.

If you require
any of the
above, kindly
let us have
your en-
quiries by return, stating quantities wanted. We
shall also be glad if you will indicate to us your
requirements of any other kinds of Bottles and Jars.

RELIANCE TRADING COMPANY

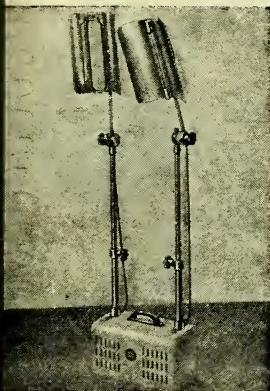
13 New College Parade, Finchley Road,
London, N.W.3.

CORKS!
STOPPERS, ETC.

C. OLLEY & SONS LTD.
CAMPERDOWN STREET
LONDON, E.I.
EST. 1844

TABLET
TUBES
HOME & EXPORT BUYERS SUPPLIED

ENQUIRIES TO
GLASS CONTAINER CO.
21 HAYES LANE • KENLEY • SURREY
Telephone : UPLANDS 8119
Works : 25-27 MERSEY STREET • LIVERPOOL 1

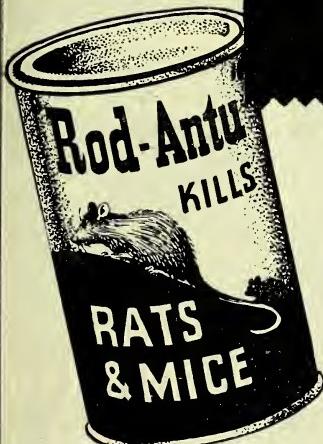


Perihel and the Trade!

The basis of our Sales Policy is full and steadfast co-operation with the "trade" and its accepted customs. We refer retail trade enquiries to our wholesalers and forward to our retail stockists enquiries from the public. We have a comprehensive range of trouble-free Sunray appliances and Perihel Lamps are used in numerous Hospitals, Nursing Homes, Institutions, Welfare Centres, and in thousands of homes throughout the world. Our Service Organisation deals promptly and effectively with requests for medical advice and information of a technical nature. Profit and goodwill are built on Perihel. Please write for literature, trade terms and details of available sales aids.

PERIHEL LIMITED (Dept. CD2). EDGE STREET, LONDON, W.8.

SATISFY YOUR CUSTOMERS



Rod-Antu

KILLS

RATS AND MICE
AND WORKS EVERY TIME

USED BY PUBLIC HEALTH AUTHORITIES
THROUGHOUT THE COUNTRY

RETAILS 1/6 AND 5/- SPECIAL BONUS
TERMS

RODMILL CHEMICAL CO. LTD. LIVERPOOL



SURGICAL DRESSINGS

*Lints · Bandages
Plaster · Muslin · Cotton Wool
Maternity Pads · Gauze*

CARUS

OF DARWEN

HODDLESDEN MILL · ATLANTIC MILL · HAMPDEN MILL · SPOTLAND BRIDGE MILL

SURQUALET

TRADE MARK

THE NEW ELECTRIC STERILIZER

Makes the Sterilization and Assembly of Syringes Safe and Foolproof.

PRICE

£5 - 15 - 0

Working Capacity
1 Pint . . . Boils
in 10 Minutes.
Overall
Dimensions 8½"
High and
4½" Dia-
meter of
Base.



SURGICAL EQUIPMENT SUPPLIES LTD
WESTFIELDS ROAD, LONDON, W.3
Name of Local Dealers on request.

TAYLOR 668

Femesc REGD.

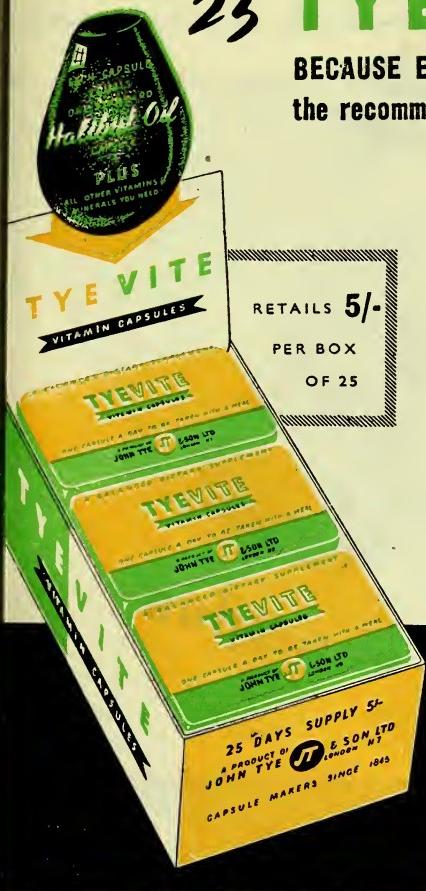
SANITARY TOWELS

for
Perfect Reliability

NON CHAFING
HIGHLY ABSORBENT
In various sizes

WILFRED STRETCH & CO.
LIMITED
CASTLETON · ROCHDALE

A 25 day vitamin course in 25 TYEVITE capsules



BECAUSE EACH Tyevite vitamin capsule contains
the recommended FULL DAILY prophylactic dose.

F O R M U L A

Vitamin A 4,500 i.u. . . . equals one standard capsule of Halibut Oil (N.W.F.)

PLUS

Vitamin D (Calciferol) ... 600 i.u.

Vitamin B1

(Aneurin hydrochloride) 0.3 Mg.

Vitamin B2 (Riboflavin) 0.5 Mg.

Vitamin C (Ascorbic Acid) 15.0 Mg.

Vitamin E

(Tocopherol acetate) ... 0.15 Mg.
equals 1 minim of high grade
Wheat Germ Oil

Calcii Phos. 20.0 Mg.

Ferrri Phos. 100.0 Mg.

Other Tyebrand products include:—

TYEBRAND Halibut Liver Oil (N.W.F.)
capsules, **TYEBRAND** Vitamin A. & D.
(N.W.F.) capsules, **TYEBRAND** Pluravit
(N.W.F.) capsules, **TYEBRAND** Vitamin
"E" capsules, **TYEBRAND** Vitamin "D"
capsules.

INTRODUCTORY BONUS OFFER

Order **TYEVITE** in its new display carton. Retailing at 5/- per box **TYEVITE** is the most economically priced vitamin course on the market. A complete 25-day course contained in only 25 capsules. **TYEVITE** is headed for the success achieved by other Tye products. Send now for introductory bonus offer—13 tins for trade price of 12.

JOHN TYE & SON LTD. • MANUFACTURING CHEMISTS • 457 CALEDONIAN ROAD • N7

CAPSULE MAKERS FOR OVER A CENTURY

ANTYEMOSTIK—A SHIELD AGAINST INSECT PESTS

TYESUCLEAN—CLOTHING STAIN-REMOVER

Best sellers are capsuled by

TYE

November 22, 1947



bandbox shampoo

BOOK NOW FOR XMAS... DELIVERY 10-14 DAYS

Selling prices of Bandbox on new P.T. basis

| | | | |
|-------------------|------|----------------------|--------|
| De Luxe | 11/6 | Standard | 2,9 |
| Presentation..... | 8/3 | Small | 1 1/2d |
| Family..... | 4/8 | Basic cost unchanged | |

ORDER NOW.. FROM YOUR WHOLESALER OR DIRECT

A S H E L A B O R A T O R I E S L I M I T E D
120 / 122, Victoria St. London. S.W.1

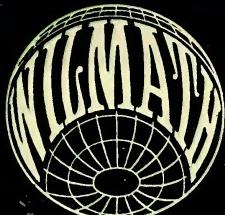
Telephone: Victoria 6781

Call and see us when in Town . . . 100 yards from Victoria Stn.

*Over 100 years of plaster making
experience behind —*



Also



TRADE MARK
EST. 1826

WILMATH REGD.
ADHESIVES AND POROUS

**CROCUS CORN
COMFORT** (REGISTERED DESIGN)

WILLIAM MATHER LTD. DYER STREET · CHESTER RD · MANCHESTER 15
Telephone BLACKfriars 6168

Telegrams "Balsamic Manchester"



"ZEMS" HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLETS
FOR COUGHS, COLDS,
ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F.
Wholesale Houses.

ZEMS, LTD.

718-724 Seven Sisters Road, London, N.15

"SURCO"

RELIABLE
ELASTIC HOSIERY
SEAMED AND SEAMLESS

or special garments to measure
we give the best possible service

SURGICAL BELTS
TRUSSES AND SUNDRIES

50 years' service of
everything Surgical

URGICAL HOSIERY CO. LTD.

Russell Street - NOTTINGHAM

telephone No. 75903 Telegrams: Surgical Nottm

NEWLY DESIGNED!



WITH CUT-OUT
CORNERS—FULLY SLOTTED TO
FIT ALL HOLDERS and made of
HIGH-GRADE SURGICAL STEEL

The keenest, cleanest-shaving blade now made. Best
value, too. At 1/9d. per doz. including new Purchase Tax,
brought by Free Showcard for your counter, the improved
"Janie" will be your best-selling safety blade. Send
for a sample and terms to:

LONDON & PROVINCIAL FACTORS LTD.

"Janie" House, Tottenham Court Rd., London, W.I.

NAME YOUR USUAL WHOLESALER

Wholesalers' Enquiries Specially Invited

When your dog is nobody's friend

When your dog is

George Bell's FAMOUS DOG BOOK

BELL'S Blood Salts

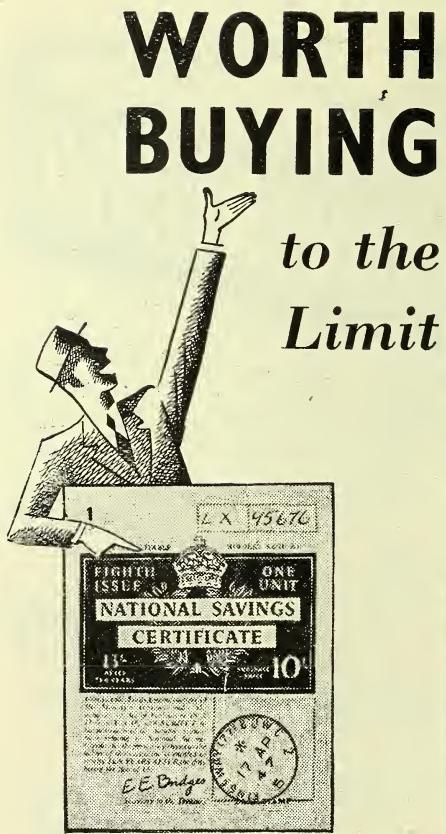
is forcing sales up

Advertisements for George Bell's Blood Salts for dogs, are appearing frequently in every national daily and all the important magazines, creating a demand amongst your customers. Stock and display this selling line. Samples and prices will be sent on request.

GEORGE BELL'S
Blood Salts
ORDER TODAY

Bell & Sons Ltd. 18 Silverdale Works, Liverpool 13

SCP 10



Go in for all you can get of these NEW Savings Certificates. They cost only 10/- each and become 13/- in ten years—an increase of 30% free of tax. You can hold up to 1,000 in addition to any you have of previous issues. Every Certificate you buy helps the Silver Lining Campaign.

10/- buys the NEW SAVINGS CERTIFICATES
You may hold 1,000

Issued by the National Savings Committee

Tintex

THE WORLD'S
LARGEST-SELLING
HOME DYE

CHEMISTS' AGENTS:—

Thos. Christy & Co., Ltd.
Farnham, Surrey.

B.B.

TESTED INSECTICIDES

The makers of B.B. Insecticides offer 2 quick selling lines for 1947

● **3 WAY ACTION D.D.T. INSECTICIDE POWDER**
ATTRACTIVE PACK
APPROX. 4 OZ. SPRINKLER DRUM
SHOWS 40% PROFIT. Retails - 1/3

● **B.B. BRAND D.D.T. FLY PAPERS**
THE SEASON'S BEST SELLER

Owing to improved methods of deep impregnation we are able to retail at 2d. each. Cost per gross - - 16/-

Trade Discounts Unchanged. Size Maintained
ORDER For Immediate Delivery NOW (Samples on Request)

HOME and EXPORT
Enquiries to—J. GOODMAN (Chemicals Ltd.)
Devonshire Mews, Chiswick, W.4,
or direct to—B.B. Insecticides, 12a Osborne Mews,
St. Leonards Road, Windsor, Berks.

WATTS MIRROR SAFETY RAZOR BLADES
MADE THROUGHOUT FROM STAINLESS STEEL
KEENER EDGES
SMOOTHER SHAVES
LONGER SERVICE

JOHN WATTS
(SHEFFIELD & LONDON LTD)
LAMBERT WORKS, SHEFFIELD, 3
LONDON: 18, SOHO SQUARE, W.I.

Satisfied
Customers....

The demand for SAN MEX PINE Disinfectant continues to increase. The name SAN MEX is your guarantee of satisfaction.



TRADE
SAN MEX
MARK
PINE DISINFECTANT
REGD.

8½d & 1/6 per bottle
Also Household 9d & 1/- per bottle

The enquiries to Sole manufacturers:—
British Products San-Mex Co., Ltd., Glasgow, C.I.



STOCK
VELVEX

The toilet tissue that housewives ask for by name

• IN HANDY PACKETS OR ROLLS

VELVET TOILET TISSUE
VELVET CREPE PAPER CO. LTD

*An advance
in
Asthma
medication*

Respaton

TABLETS

Indication

Respaton Tablets are specially indicated for the speedy relief of Asthma, Bronchial Asthma, Bronchitis, Emphysema and cognate ailments.

Action

Respaton Tablets are : Antispasmodic, Antipyretic, Analgesic, Sedative.

Formula

| | |
|-------------------------|-------------------------|
| Ephedrine Hydrochloride | ... $\frac{1}{2}$ grain |
| Ext. Bellad. Sicc. B.P. | ... $\frac{1}{10}$ " |
| Dioxyamidopyrine | ... $\frac{1}{2}$ " |
| Ipecac, Pulverat, B.P. | ... $\frac{1}{2}$ " |
| Theobromine | ... $\frac{1}{2}$ " |
| Calcium Lactate | ... $\frac{1}{2}$ " |
| Lactose | ... $\frac{1}{2}$ " |

Respaton Tablets are now being introduced to the Medical Profession. Chemists would be well advised to lay in a small stock in anticipation of prescriptions.

In Bottles 25 tablets 3/11½d.; 100 tablets 14/Id., inc. P.T. Usual trade terms.

MEDICAL SPECIFICS LTD.

West India House
Maryland Street, Liverpool, 1.

CONTROL OF HEAD LICE

Nits and Head Lice can now be dealt with quickly and economically without unpleasant evidence of treatment.

An N.W.F. formula now being used extensively by Public Health Authorities.

'Semprolia'

BRAND

MEDICATED (LETHANE) HAIR OIL N.W.F.

Insecticide for control of Nits and Head Lice



'SEMPROLIA' MEDICATED (LETHANE) HAIR OIL IN URGENT AND RAPIDLY INCREASING DEMAND

Retail (2-oz.) 1/1½d. Including P.T.
List 8/- doz. Packed in 2-dozen outers.

PATA

STEMCO LTD., 128, Albert Street, London, N.W. 1
Agents in Eire—May Roberts (Ireland) Limited, Dublin



BRINGS MOST PROFIT TO YOU



Ask your
Wholesaler
for "Leda"
Baby Powder

per 1/4½ tin

INCLUDING PURCHASE TAX

Sole Agents for N. Ireland: Whyte Reid & Mitchell, Ltd.
61/63 Donegall Pass, Belfast.

Sole Agents for Scotland: Southern Mfg. Co. Ltd.
214 West Regent Street, Glasgow, C.2.

Manufacturers:
LEDA CHEMICALS LTD., Ponders End, Middx.



**THEY
SELL
WELL**

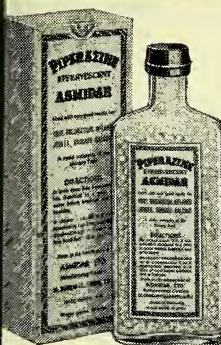
- (1) Made from best Latex obtainable.
- (2) Available normal and anti-colic shapes.
- (3) Hygienic and attractive individual packing.
- (4) Seamless construction.
- (5) Transparent.
- (6) Stand repeated sterilization.
- (7) Fit any size bottle.

GROVEWELL BED TEATS & VALVES

Grovewell soothers are also now available.
Wholesale only supplied
Forest Road, Walthamstow, London, E.17

ASMIDAR SPECIALTIES

PIPERAZINE



This highly efficient antiseptic of the Urinary Tract is prescribed for Gout, Rheumatism, Inflamed Joints, Urinary Calculi. Other Asmidar Specialties include Glutonine (Asmidar), Sulphazol Cream (Asmidar), and Ichthammol B.P.

Literature and full information gladly supplied on request

ASMIDAR LTD.

16 DOUGLAS STREET, LONDON, S.W.1

Telephone: VICTORIA 5556

'ASPRO' **ACCELERATES** **BUSINESS**

"More display means more sales, means more bonus—and so the wheel turns"—that was one chemist's way of describing how the benefits start mounting up when you display 'ASPRO'. Displaying 'ASPRO', in fact, **ACCELERATES** business—**CREATES CUSTOM** for other lines, too, and so speeds-up turnover and increases profits. Give 'ASPRO' prominent display and you immediately get the full results of **THE MOST ENTERPRISING AND ACTIVE ADVERTISING CAMPAIGN GOING ON IN THE COUNTRY**. While well-tried methods of 'ASPRO' publicity are being sustained and expanded, every new method which proves of value is used to the full. The result is that

'ASPRO'
is selling to a
GREAT POST WAR PUBLIC

Hundreds of thousands of speedway and football supporters are hearing the weekly 'ASPRO' programme; millions of cinema-goers are seeing the 'ASPRO' film. Putting in the window a prominent reminder that **YOU stock 'ASPRO'** is the fastest way of making new and permanent customers.

Made by **ASPRO LTD.**, Slough, Bucks

P.A.T.A.

APOLOGIES to stockists of ..

**MERTON
MINTS**

**MERTON
BROMPTONS**

We regret that, owing to the rebuilding of our factory, we are somewhat in arrears with our deliveries of these two lines. We hope our trade friends will bear with us just a little longer, and we take this opportunity of assuring them that orders are being executed in strict rotation until we have completed the necessary reorganisation.

VERVA LTD., HIGH PATH, MERTON, LONDON, S.W.19

LABELS OF DISTINCTION

For Wholesale Manufacturing
& Retail Chemists

MEDICAL and DISPENSING LABELS, TOILET, COSMETIC and PERFUME, largest range of STOCK LABELS (attractive two-colour 50-60 wordings), SHAMPOO POWDER ENVELOPES and INNERNS, also SACCHARINE TABLET ENVELOPES, with name and address. We can also offer multi-coloured advertising stamps in exclusive designs.

Send for our
extensive sample
range

**CARILLON
PRESS LTD**

Artists in the Production of Fine Labels
BOURNEMOUTH

**Healthy babies
Happy mothers**

You can recommend
Drury's Infants' Preservative with every
confidence. It is safe,
economical and a most
excellent remedy for
Wind Spasms, Grip-
ing pains, and other
distressing complaints
incidental to infants
at the period of
cutting their teeth.

**DRURY'S
Infants' Preservative**

DRURY'S PHARMACEUTICALS LTD. NEWCASTLE
ON TYNE, ENGLAND

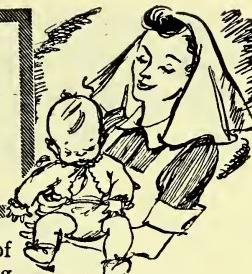
SECOND TO NONE
Malt Extract Tablets



A delicious, sustaining sweet food
dissolving slowly in the mouth.
Children love them. Supplied in
counter display boxes of 2 dozen. **7½ D. INC TAX**

ANDERSON RICHARDS & CO. LTD.
37 Eastcheap, London, E.C.3

The SALES APPEAL is in the DESIGN



Following widespread acceptance of the new anti-colic design by Nursing and Medical Authorities, extensive advertising support in the National Press and Women's Magazines is rapidly stimulating demand for the "Modern" Teat. Available in attractive counter display outers of three dozen, through wholesalers only. Fixed retail selling price 6d.



The "MODERN"
ANTI-COLIC **TEAT**

THE CANNON RUBBER MANUFACTURERS LTD, LONDON N.17

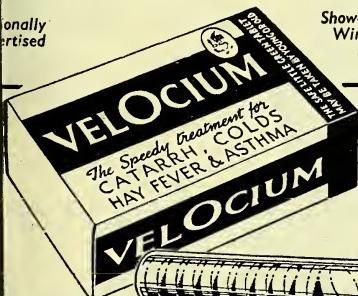
Seasonable demand . . . rapid sales ! . . .

VELOCIUM

THE SPEEDY TREATMENT

COLDS, CATARRH, HAY FEVER
kindred ailments . . .

Showcards and
Window Bills
available



36 tablets 27/- per dozen.
plus 4/6 Tax.
12 tablets 11/3 per dozen.
plus 1/10½ Tax.
Retail prices
3/4d and 1/5



Sole distributors

EMMET DISTRIBUTING
COMPANY LIMITED
140 Park Lane, London, W.I.
Tel.: MAYfair 6756

33½% PROFIT FOR YOU!

*Every time you sell the
3½ size Carters you gain 1/-*

IT'S EASY to sell the large-size Carters because the customer saves 10d. by buying it, and gets 5 more pills as well. Investigations show that one customer in every three will buy the large size when it is offered them. Supplies are readily available. Send your order now for large-size Carters Little Liver Pills and stop losing easy profits !

ORDER YOUR CARTERS LITTLE LIVER PILLS
from THOMAS MARNS LTD., 2 Caxton Street, S.W.1

Now!

BY THE MAKERS OF
MALTO BAR
SOUND VALUE
GENEROUS DISCOUNTS

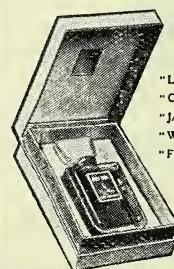


Wholesale and Retail Enquiries to :
AFFINED BASIC CHEMICALS LTD.
Empire Works, Desborough Road,
High Wycombe, Bucks.
Telephone : HIGH WYCOMBE 22667/8. (c.)

Rex Ray
MAKER of FINE PERFUME

Chosen
FOR EXHIBITION AT
Enterprise
Scotland 1947

"GAY GAL" - by Rex Ray
"SCOTTISH HIGHLAND HEATHER," - by Rex Ray



also

"LILY OF THE VALLEY"
"CINDERELLA" :: ::
"JASMINE" :: ::
"WHITE GARDENIA" ::
"FRENCH CHYPRE" ::

STANDARD RETAIL PRICES:
27s. 6d.—20s.—10s. 6d.—5s. Trial Size, 2s. 9d.

Purchase Tax Extra

EXPORT PARCELS (trial orders) £10 to £5 carriage paid sent direct by parcel post

HOME TRADE—May we add your name to our waiting list?

REX RAY COMPANY, 14, BRIDGE STREET, ABERDEEN, SCOTLAND

FENNINGS

FAMOUS FOR OVER 80 YEARS

P.A.T.A.

| | | |
|----------------------------------|---------|---|
| FENNINGS' CHILDREN'S POWDERS | | 1/3, 3/-, 5/-, 12/- |
| FENNINGS' LITTLE HEALERS | | 1/3 and 3/-. Also 6/- Carton of 12 Packets, retailing at 6d. each. |
| FENNINGS' FEVER MIXTURE | | 1/3 a bottle <small>(If difficult to obtain write direct to Messrs. SUTTON & SONS, 12 Brandon Rd., London, N.7.)</small> |
| FENNINGS' ADULT POWDERS | | 1/3, and 3/- |
| FENNINGS' OINTMENT. | | 1/3 a tin |
| FENNINGS' STOMACH STRENGTHENERS | | 1/3 and 3/- boxes |
| FENNINGS' RHEUMATIC DROPS | | 1/3 a bottle |
| FENNINGS' WHOOPING-COUGH MIXTURE | | 1/3 a bottle |
| FENNINGS' SULPHUR POWDERS | | 1/3 and 3/- boxes |

Please address orders and inquiries to your Wholesaler

PROPRIETORS : THE TRUSTEES OF ALFRED FENNINGS (DECEASED)
COWES, Isle of Wight

For
INVALIDS
only

Because of its meat and malt content, digested by a special process, WINOX has been recommended for weak digestions by doctors and nurses for the past thirty years. Supplies are short, so please help us to reserve a ample stocks for invalids only.

Sole Distributors:
BROOKS & WARBURTON LTD.
2 VAUXHALL BRIDGE ROAD, S.W.1

WINOX
THE MEAT AND MALT WINE

BEAUFOYS WINES LIMITED
CAN PLACE, SOUTH LAMBETH RD., LONDON, S.W.8

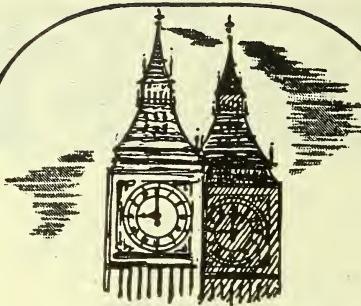
CIMOLITE SPECIALITIES

Please note that as from the 14th Nov., 1947, the prices of TAYLORS CIMOLITE POWDER or PREPARED WHITE FULLERS EARTH, will be as follows:

| | |
|----------------------|--------------------------------|
| Small Sprinkler Tins | ... 9/6 per doz. |
| | Plus 3/2 per doz. tax. |
| | Retail Price 1/5½ (incl. tax). |
| Large Sprinkler Tins | 27/- .. , |
| | Plus 9/- per doz. tax. |
| | Retail Price 3/9 (incl. tax). |
| 12 oz. Drums | ... 49/- .. , |
| | Plus 16/4 per doz. tax. |
| | Retail Price 6/11 (incl. tax). |
| 24 oz. Drums | ... 96/- .. , |
| | Plus 32/- per doz. tax. |
| | Retail Price 13/8 (incl. tax). |

Terms and Showcards may be had on application from:

JOHN TAYLOR
30 BAKER STREET, LONDON, W.I.



48 HOURS A DAY

Twice as many hours a day *might* give you time both for leisure and for following new developments on medical problems.

Mineral Deficiency is one problem you meet every day, a problem you can solve only by providing an adequate mineral supplement. Many doctors and clinics prescribe Calfos Tablets, to correct deficiency resulting from years of rationing.

For every expectant and nursing mother Calfos provides calcium and phosphorus in *true natural ratio*, with all trace elements found in normal healthy bone. For children of all ages, Calfos means sound bone and teeth.

Please write for special Trade Terms.

CALFOS
Natural Mineral TABLETS

CALFOS LIMITED • IMPERIAL HOUSE
KINGSWAY • LONDON • W.C.2

C.F.

P.A.T.A.

A SPECIAL NOTICE

RICHARD DAVIS LTD., beg to inform their customers that, due to the recent Treasury Order on clearance from Bond, there will be a delay in the delivery of Christmas orders which affects all Concession Wines and Spirits and Richard Davis Products with the exception of Sunray Wine Products and KIK Fruit Cup Base.

It also may be necessary to part deliver orders during November.

We regret this inconvenience to our Trade friends but the circumstances are beyond our control.

D. Bee

Medicinal and Food Products

announce that they are able to offer Prompt Delivery of their pure

**HONEY, GLYCERINE & LEMON
Cough Linctus**

a popular product at a popular price, made from *real* Lemon Juice, pure Honey and Glycerine. The ingredients speak for themselves—you cannot afford not to stock this quick-selling line.

Ask also for particulars of our other pure food products

Sole Distributors
Scotland & Northern Ireland;
Pharmaceutical
Distributors
Ltd., 187, St.
Vincent Street,
Glasgow, C.2.

WINTER ADVERTISING CAMPAIGN
includes lead-
ing newspapers
in all districts.
Now is the time
to stock and
display.

Trade terms from

D. Bee Food Products Ltd., New Charles St., Goswell Rd., E.C.1

TIMES AS MANY SALES !!



WHEN you display this container prominently on your counter...

BIGGEST NEW PROFIT-MAKER!

ONE CHEMIST sold 2 dozen Vick Inhalers within 2 hours of putting them on display. Unusual? Of course! But actual tests show that 5 times as many Vick Inhalers are sold when the attractive display-container is given No. 1 counter position. Try it and see!

Packed in attractive 2-dozen display-containers.

Retail price 1/6 (inc. tax).

Distributors :

J. C. GAMBLE & CO. Ltd. 209-215 Blackfriars Road, London, S.E.1

November 22, 194



*Supplied only through Chemists—
CONCENTRATED OXO makes wide appeal*

Sold only through Chemists.

Concentrated Oxo is invaluable both as a restorative beverage and for adding the rich flavour of beef to appetite-creating dishes. Being unseasoned it is of particular value in invalid dietary.

Concentrated Oxo is supplied carriage paid in jars of 2 oz.—1/9d., and 4 oz.—3/2., less a discount of 25%, and sales are backed by regular advertising in Nursing and Medical publications.

Concentrated Oxo has a high niacin content.

CONCENTRATED OXO



That's why the public know that a tin of OATREX is a tin of OATRITION

Enquiries to Kings of Kingsbury (Sales), Ltd., London Bridge, S.E.1.

KING'S PATENT PRE-COOKED OATMEAL

Acute Gastro - Intestinal Infections

DIMOL SYRUP
for

RAPID ACTION

| PRICE | Minimum Retail Price | Tax Each | Minimum Wholesale Price |
|--------|----------------------|----------|-------------------------|
| 4 oz. | 3/6 | 5d. | 29/5 d. |
| 16 oz. | 12/- | 1/5 | 100/10 |

Whatever the Gastro - Intestinal condition DIMOL is indicated

Distributing Agents

THE ANGLO-FRENCH DRUG CO., LTD.
11-12, Guilford Street, London, W.C.1.
Telegrams: "Ampsalvas London."
Telephone: HOLborn 6011.

Dimol Laboratories, Ltd.,
34-40, Ludgate Hill, London, E.C.4.

Production Drive

As a result of considerable extension to our equipment and floor space, we now have additional manufacturing facilities for pharmaceutical products, particularly compressed tablets and injections in ampoules and vials, bulked or packed.

We are particularly well placed to offer the following products :

SUPRARENAL CORTEX EXTRACT

injections, vials and in bulk

LIVER EXTRACTS *injectable, oral, B.P. and proteolised*

SOLID HYDROGEN PEROXIDE

tablets of any size and in powder form

• *all enquiries will
receive prompt attention* •

Gedeon Richter (Gt. Britain) Ltd
14-18 WEEDINGTON ROAD, LONDON, N.W.5

ENO

An important announcement

J. C. Eno, Limited, announce the extension of their combined order facilities and display terms to:

SEROCALCIN

All orders and enquiries should be sent to J. C. Eno, Limited, Watford, sole distributors for:

ENO'S FRUIT SALT

THERMOGENE MEDICATED WADDING

THERMOGENE VAPOUR RUB

DINNEFORD'S FLUID MAGNESIA

DINNEFORD'S MAGNESIA TABLETS

SEROCALCIN

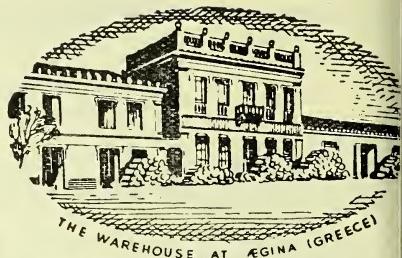
NEW-SKIN

CALENO

Material shortages make it difficult to meet demands in full, but every effort is made to give fair distribution to all Pharmacists

• • •

J. C. ENO LTD · WATFORD · HERTS



SPONGES

"RELIANCE" BRAND

You can rely upon the House with over 100 years experience in the sponge industry to give you every possible satisfaction. Your enquiries will receive our courteous, prompt and knowledgeable attention.

CRESSWELL BROS. AND MARKS

(INTERNATIONAL SPONGE IMPORTERS LTD)

5a BUCK STREET, CAMDEN TOWN, N.W.

'Phone:
Gulliver 5462-3

'Grams:
Sponge, Norwest, Londo

Fortifies Food..

● A little VIRDOX sprinkled over food in beverages adds valuable yeast vitamin to the ordinary diet. Recommended correct malnutrition, digestive trouble, lassitude, anaemia and "nerviness." Retailing at 3/6 per 8 oz. tin, VIRDOX is a profitable line for all Chemists.

*Write today for full details
of generous Trade Terms.*

Home and Overseas Agents required.

VIRDOX
REGD
nutrition

VIRDOX, 75, KINGSWAY, LONDON, W.C.1



And this, my dear, is Grandfather

GRANDFATHER was four years old. Queen Victoria was 68. Grandfather had decided he would become another General Gordon—funny how he got into the insurance business. Röntgen has yet to discover the X-ray. But babies were being fed on M.O.F.

M.O.F. was on sale in Scotland as far back as 1887. It was something new in baby feeding.

Today it is a different kind of M.O.F. It has advanced with the progress of nutritional science. It

embodies the results of years of dietetic research. Its efficiency can perhaps best be measured by its popularity. M.O.F. was not distributed on a national scale until 1941—yet more than half the country's infant welfare centres now recommend it.

M.O.F. is a product of A. & R. Scott Ltd., of Edinburgh. Soon there will be other infant foods prepared with the same attention to modern standards, combining the latest in nutritional science with household convenience.



SCOTT'S OF EDINBURGH

TO MEET THE COMING WINTER

. . . your co-operation please

Serocalcin is now well known, both for the prevention and treatment of colds. From its past success there is every indication that the demand to meet the coming winter will be very great.

We are anxious to give you the best delivery service possible under existing conditions, so please look ahead, place your orders early, and maintain your stocks at a reasonable level throughout the season.

FOR THE PREVENTION AND TREATMENT OF COLDS

SEROCALCIN



Pharmacists are reminded that orders and enquiries for Serocalcin should now be addressed to J. C. Eno Limited, Watford, Herts. Telephone Watford 7761.

HARWOODS LABORATORIES LTD . WATFORD . HERTS



The CHEMIST AND DRUGGIST

SUPPLEMENT

28 ESSEX STREET, LONDON, W.C.2.

A Supplement is inserted in every copy of
The Chemist & Druggist

NOVEMBER 22

1947

Wailing restrictions and heavy demand on space necessitate the holding over of a number of advertisements week by week. As normal press days are in abeyance advertisers are advised to send contributions as early as possible. Advertisements must be prepaid. Box Office Numbers 2/- extra.

ancies advertised are restricted to persons or
servants excepted from the provisions of the
Control of Engagement Order, 1947

SITUATIONS OPEN

or 36 words or less, 3d. for every additional word

RETAIL (HOME)

UNQUALIFIED assistant M. or F., mainly for
dispensing. Permanency for suitable applicant.

Cannon, Pharmacist, Truro, Cornwall.

TANT dispenser (lady) required for firm of
dispensers in Midlands. Apply Box 2/71.

ORD, LONDON, S.E. Unqualified assistant re-
quired. Middle-class trade, and dispensing, easy
and good opportunity for active young man.
Particulars and salary required. Frank Leslie,
25 Catford Broadway, London, S.E.6.

DYDON. Lady with knowledge of dispensing and
pharmacy required. Unqualified or half
experience, salary required and photo if pos-
sible. Dawson, 309 London Rd., Croydon.

ENSER/BOOKKEEPER wanted. Mixed general
practice, country area, West Suffolk. Accommodation
at surgery. Weekly half-day and week-ends.
2/206.

X (Near London). Competent pharmacist re-
quired to manage a central branch pharmacy with
N.H.I. dispensing and busy counter trade.
be good at staff control, stockkeeping and
etc. Adequate salary, excellent living accom-
modation available. Apply Box 2/135.

DON CO-OPERATIVE CHEMISTS, LTD., require
several pharmacists to join their organisation for
ancies situated in the London area. Membership
ach organisation ensures progressive and per-
manent employment, with full participation in super-
annuation benefits. Application in first instance to
rentendent Chemist, 54 Maryland St., Stratford,
E.2/206.

DON, W.11. Manager (qualified) urgently re-
quired for working-class business, busy N.H.I. and
counter. Suitable man will be well paid and
looked after. No living accommodation.
2/138.

DELESEK, N.W. Qualified manager required for
suburban branch. Good salary with excellent
prospects. Apply Box 2/137.

PHARMACIST. Chemist, qualified, wanted (male
or female) to manage branch in Portree, Isle of
Skye, Scotland. Apply in writing, giving full par-
ticulars of age, experience and when free, to The
Technical Supervisor, Scottish Co-operative Whole-
Society, Ltd., Retail Drug Department, 187
Flemmoor Rd., Shieldhall, Glasgow, S.W.1.

PHARMACIST branch manager required immediately
by small limited company in the London area. Suit-
able accommodation available and the position offers
scope for progress. Apply Box 2/223.

LAR. Manager (qualified) required for busy
pharmacy in Poplar. Good salary offered to ener-
getic man with experience. Permanency with good
prospects. Apply Box 2/136.

PLYMOUTH Co-operative Society, Ltd., requires
qualified pharmacist and relief branch manager.
Early prospect of branch management. Permanent
and progressive. Superannuation scheme (transfer
clause). Application, stating age and experience, to
General Secretary, 50 Thorn Park, Plymouth, not
later than 29th November.

QUALIFIED ASSISTANT required at once for dis-
pensing and counter. Apply, full particulars, H. J.
Lewis, Ltd., High St., Poole, Dorset.

QUALIFIED ASSISTANT required for five-day week
in West London Pharmacy. Good dispenser and
counter salesman. Permanency and good salary to
suitable applicant. Please apply with full particu-
lars to Box 2/189.

QUALIFIED LADY OR GENTLEMAN assistant re-
quired for good class dispensing business. Apply
with particulars as to age, experience and salary re-
quired to Wood, Chemist, High St., Windsor.

QUALIFIED MANAGER required for old-established
pharmacy in large Lincolnshire village. Modern
seaside house available 5 miles distance. Total
abstainer. Good prospects. References required.
State age, salary, experience. Box 2/200.

RESPONSIBLE POSITION shortly available for un-
qualified. Good salary paid if capable and con-
scientious man able to assume management. Work-
ing-class district near Stratford, London. Full par-
ticulars, with references if possible and approximate
remuneration desired, to Box 2/202.

SURREY. Manager required very shortly for a good-
class family pharmacy in pleasant suburban district.
Living accommodation available. Apply Box 2/198.
THE Royal Arsenal Co-operative Chemists, Ltd., have vacancies for qualified and unqualified phar-
macists at their branches in South-East and South-
West London. Good opportunities for promotion
and holidays with pay. Apply in writing, stating
age, experience and salary required to the Staff
Manager, Royal Arsenal Co-operative Chemists,
Ltd., 113 Powis St., Woolwich, S.E.18.

TIMOTHY WHITES & TAYLORS invite applications
from pharmacists for vacancies as qualified managers
and assistants for branches in all parts of the
country. Good conditions of employment are
offered, including a superannuation scheme, and
there are excellent prospects for any pharmacist with
ability and energy to make a successful career with
the company. Convenient interviews will be
arranged to suit applicants. Letters of application
stating district preferred (if any) should be addressed
to Retail Staff Manager (Drug), Timothy Whites &
Taylors, 70 Vauxhall Bridge Rd., London, S.W.1.

UNQUALIFIED assistant required immediately.
J. W. Aves (Chemists), Ltd., 33 Hilton Arcade,
Bury New Rd., Preswicke, Nr. Manchester.

UNQUALIFIED ASSISTANT required by high-class
West London chemists for dispensing and counter
duties. Permanency. Apply, stating salary required
and full particulars, to D. L. Lewis, Ltd., 36
Haven Green, Ealing, W.5.

WANTED. Dispenser-book-keeper at once. Ac-
commodation available. Drs. Bernard & Halfpenny,
11 Lower Stone St., Maidstone.

YOUNG PHARMACIST (male or female) required immediately as first assistant in large modern pharmacy. 44-hour week, good holidays with pay. £450 per year commencing salary. A permanent position with excellent opportunities and advantages. Would suit newly qualified or applicants referred at recent examinations would be considered. Apply immediately to Peterborough Co-operative Chemists, Ltd., Park Rd., Peterborough.

WHOLESALE

A LONDON FIRM of manufacturing chemists have a vacancy for a qualified woman chemist as packaging manager, responsible for the technical supervision of packaging and the control of female labour, mainly employed on conveyor tables. A knowledge of packaging machinery an advantage but not essential. Salary £450 per annum. Write, giving full details of training and experience, to Box 2/125.

AN EXCELLENT opportunity occurs for an enthusiastic salesman of proved ability to represent prominent C.F. manufacturers in the Midlands. The position is progressive and remunerated by salary and expenses. Write, giving fullest particulars of past experience, age and salary required, in complete confidence, to Sales Manager, Westminster Laboratories, Ltd., Chalcot Rd., London, N.W.1.

ANALYST, Ph.C. AND/OR A.R.I.C., required by British Schering Manufacturing Laboratories, Ltd., at works in Manchester area, to assist in analysis of intermediates, raw materials and final ethical medicinal products. The post is an attractive one with good prospects for a capable and industrious man. Salary according to qualifications and experience. Write "Analyst," Box No. 407, Manchester.

ASSISTANT required for works laboratory of small pharmaceutical manufacturers, North London. Five-day week. Applications, stating full particulars of experience, age, salary, of persons willing to be trained for specialised work are invited to Box 1/922. **ASSISTANT CHEMIST** required for production control and research on pharmaceuticals. Applicants should hold the B.Sc., B.Pharm, or equivalent qualifications. Previous experience in the assay of vitamin products by physical methods an advantage. Applications, giving details of qualifications and previous experience, etc., to the General Manager, Gelatin Products, Ltd., Trading Estate, Slough, Bucks.

ASSISTANT SALES MANAGER required with good knowledge and experience of the botanical drug trade and home market. Write Box 2/178.

ATTRACTIVE positions as chemists' representatives in Lancashire and Yorkshire are offered by well-known London manufacturers of C.F. proprietaries. Essential qualifications are proved selling ability and enthusiasm. Salary and expenses paid. Excellent prospects for the right men. Fullest particulars of past experience, age, and salary required must be given in first letter (absolutely confidential). Box 2/204.

AYRTON, SAUNDERS & CO., LTD., seek first-class experienced additional representatives in Manchester and North-East coast areas. Qualified chemists preferred. Apply A.C., 32-34 Hanover St., Liverpool, 1.

COSTING CLERK, with experience in pharmacy required. Apply to P.D. Goodwin, John Bell & Croyden, Wigmore St., W.1.

GEORGE BELL'S PET REMEDIES. Applications are invited from salesmen of proved ability, high integrity and smart appearance for a vacancy on their sales staff. District available Cornwall, Devon, Somerset and the City of Bristol. Remuneration, salary, expenses, bonus. Apply Sales Director, Bell & Sons, Ltd., Silverdale Works, Liverpool, 13.

LONDON and Home Counties. Experienced salesman/representative to call on doctors, chemists and hospitals. Wide range of ethical products, offering good scope to the right man. Write fully, stating age, experience and salary required. Car owner preferred. Box 2/169.

IMPERIAL CHEMICAL INDUSTRIES, LTD. have a vacancy for a pharmacist with copy-writing experience for the production of medical, veterinary and pharmaceutical literature and advertising material. Applications with full particulars should be addressed to Imperial Chemical (Pharmaceuticals), Ltd., "The Ridge," Beechfield Alderley Edge, Manchester. This post is excepted from the provisions of the Control of Engagen Order, 1947.

IMPORTANT FIRM manufacturing complete ranges of cosmetics with national distribution require a manager who is also good office administrator. N. London (South). Good salary. Age preference 30-45. Reply, giving details of past experience, Box No. A 195, L.P.E., 110 St. Martin's Lane, W.C.2.

MANUFACTURING CHEMISTS, N.W. London, require the services of an energetic and experienced pill maker. 5-day week. Write, giving details of age, experience and salary required, Box 2/208.

MANUFACTURING CHEMISTS (near Liverpool) have a vacancy for an assistant chemist in their laboratory for analytical and experimental work. Give full details of age, experience, qualifications and salary required, to Box 2/181.

MILLER & CO. (Tunbridge Wells), Ltd., of 42 Morehampton Road, Tunbridge Wells, require the services of a qualified pharmacist in their dispensary and paraffin laboratory. Congenial position, with good salary and prospects. Replies will be treated with strict confidence and should give full particulars.

PHARMACIST required to take charge of warehouse experienced in supervising the execution and checking of drug orders. (Applicants should have previous warehouse experience.) The position of good prospect for a man with initiative, capable of accepting responsibility. Salary £500-£600, according to experience. Apply, giving full particulars if married, to Bradley & Bliss, Ltd., Manufacturers of Chemists, Reading.

REPRESENTATIVES with established connections with chemists required by manufacturers of household commodity (nursery) in daily use. Very liberal commission terms. Car essential. Box 1/971.

REPRESENTATIVES required for all territories including London, calling on chemists, stores, Co-ops, etc. Good commission basis. State area covered and other lines carried. Box 2/150.

REPRESENTATIVE to call on chemists; salary commission; Birmingham and radius of approximately 25 miles. Box 2/214.

TABLETS. Experienced sugar coater required manufacturing chemists, N.W. London district, with general knowledge of coating. 5-day week. Write stating age, experience and salary required. Box 2/209.

TECHNICAL sales representative for the Great London area required by chemical manufacturers high-class raw materials for the pharmaceutical and cosmetic industries. Young Ph.C. or B.Pharm. Experience not essential. Write with full particulars to Box 2/201.

SITUATIONS WANTED

3/- for 18 words or less, 1d. for every additional word.

LOCUMS SEEKING ENGAGEMENTS

PHARMACIST available for locum work in London or Home Counties. West End and suburban experience and expert photographic knowledge (P.D.A. member). Will do single days if required. Salary moderate. Write or wire Edwards, Donnington Rd., Worcester Park, Surrey.

WHOLESALE

AMBITION young man, resident Yorkshire; 5 years experience of analysis and research on domes chemicals, etc., interested perfumery, desires post chemist or technical representative. Please state salary offered. Box 2/203.

ARTISER (unqualified) with sound experience of practice and factory control, particularly with respect to goods, seeks any managerial position with progressive London house. Or would organise depot of provincial firm. Ability and initiative to influence both output and quality. Box C/210, Strand, London, W.C.2.

RT REPRESENTATIVE with wide knowledge of trade, particularly in Europe, seeks new position. Highly recommended by present employers. Linguist and willing to travel. Reply Box 2/54. Hall dispenser; twenty years' varied experience—desires change; wholesale or retail; no counter preferred. Please state all particulars, Box

SALESMAN wishes to represent a manufacturer of repute having a very large and sound reputation. I do not wish to sell lines which will repeat, thus damaging my reputation of never dud lines. Ground covered S.W. England. Commission, expenses. Box 2/225, 28, ex-Serviceman, two years as head of department of a large firm of retail chemists, French and German, seeks responsible appointment. London area. Box 2/224.

RESENTATIVE, car owner, desires change. West Lancs area preferred (present ground) but consider extending. Sound knowledge drug Box 2/219.

APPOINTMENTS

CITY AND COUNTY OF BRISTOL

Applications invited for Assistant Pharmacist. One appointed will work at Central Health Clinic and relief duties at Municipal hospitals. Salary, £370 x £15 x £450; conditions service, accordance with recommendations Joint Negotiating Committee (Hospital Staffs). Appointment subject Local Government Superannuation 1937, and medical examination. Applications, returned not later 6th December, from R. H. PARRY, Medical Officer of Health, Kenwith Lodge, Westbury Park, Bristol.

KING'S COLLEGE HOSPITAL, DENMARK HILL, S.E.5

Assistant Pharmacist required. Salary in accordance with J.N.C. Scale. Federated Superannuation scheme in force. Applications, with details of experience, should be sent to The Pharmacist, at the above address.

MIDDLESEX COUNTY COUNCIL

GISTERED ASSISTANT PHARMACIST NORTH MIDDLESEX COUNTY HOSPITAL, Edmonton, N.18. J.N.C. (Hosp.) salary £370 — £450 p.a. inclusive. Similar experience may determine commencing salary. Whole-time, established, pensionable, subject to medical exam. Application, stating qualifications, experience, with copies of three recent testimonials, to MEDICAL DIRECTOR of Hospital, IMMEDIATELY. forms. (Quoting D.84 CD.)

SURREY COUNTY COUNCIL

INSTANT PHARMACIST required at:— KINGSTON COUNTY HOSPITAL, Wolverhampton Avenue, Kingston-on-Thames.

HELIER COUNTY HOSPITAL, Carshalton.

Commencing salary on grade £370 x £15— £20 x £20 — £450 p.a. inclusive.

Applications in writing, stating age, qualifications, and experience, with copies of not more than three recent testimonials, should be sent to the Medical Superintendent of the appropriate Hospital.

QUEEN MARY'S HOSPITAL FOR THE EAST END, STRATFORD, E.15

ASSISTANT PHARMACIST

Applications are invited from Registered Pharmacists for this appointment, which will be vacant on the 12th January, 1948. Salary scale, £370 per annum with annual increases of £15 up to £450 per annum. Commencing salary within Scale according to qualifications and experience. Federated Superannuation Scheme in force.

Applications, giving full particulars of age, qualifications and experience and copies of recent testimonials should be sent to the undersigned as soon as possible.

M. J. HUNTLEY,
House Governor and Secretary.

SURREY COUNTY COUNCIL

DORKING COUNTY HOSPITAL, Horsham Road, Dorking.

PHARMACIST (single handed) required. Candidates must have had not less than three years' hospital experience after qualification. Salary grade £420 x £15—£495 p.a. inclusive.

Applications in writing, stating age, qualifications, experience and present appointment with copies of three recent testimonials, should be sent to the Medical Superintendent at the Hospital by 5th December, 1947.

AGENCIES WANTED

8/6 for 36 words or less, 3d. for every additional word

PHARMACEUTICAL CHEMIST requires agencies of pharmaceutical or chemist sundry lines. Nationally advertised lines preferred. Territory covered, all Northern Ireland. Contacts include chemists, Co-ops. and stores. Car owner. Apply Box 2/183.

AGENCIES

17/6 for 36 words or less, 4d. for every additional word

ESTABLISHED Irish manufacturers of high-class greyhound veterinary products require a wholesale distributor in England, Scotland and Wales, to purchase on a sole agency basis. Messrs. Rex Martin & Co., 33 Kildare St., Dublin.

MANUFACTURERS of pharmaceutical products require an agent for Lancashire (excluding Manchester and ten-mile radius). Must have good connection with wholesale and retail trade. Car owner preferred. Write, giving details of lines already carried, etc. Box 2/187.

REPRESENTATIVES, calling on chemists on a commission basis, required for a well-known proprietary line, London areas. Apply, giving full details of ground covered, to Box 2/211.

WELL-ESTABLISHED distributors with good connections amongst chemists, stores, etc., are open to receive inquiries for marketing proven articles. Write in confidence, to Box 1/663.

BUSINESS OPPORTUNITIES

17/6 for 36 words or less, 4d. for every additional word

WEE-KURA, LTD., Knaresborough, invite export and wholesalers to send their orders now. Could entertain an additional wholesaler or two. Samples 5/-.

BUSINESSES WANTED

8/6 for 36 words or less, 3d. for every additional word

DRUG STORE wanted by ex-Serviceman. Capital available for purchase if necessary. Would consider chemists or surgical store. B. W., 11 Frogmire Court, N.W.3. Tel. 2838.

BUSINESSES FOR DISPOSAL

8/6 for 36 words or less, 3d. for every additional word

CENTRAL LONDON. Chemist, drug store. Close to working-class flats. Annual turnover £2,000. Large d.f. lock-up shop, well-fitted, parlour, small room, 3 basement rooms and kitchen. Scope for dispensing. Goodwill, fittings, £1,100 or near offer. Stock £1,000 app. National Business Agency, Ltd., 36 Eastcheap, London, E.C.3. Mansion House 2748.

EASTERN ENGLAND. Well-established wholesale distributing business for disposal. Taking £50,000 per annum. Considerable scope with additional capital. Heavy stock, spacious premises, fixtures. Total inclusive purchase price required, £30,000. Apply Box 2/210.

ESSEX. Wholesale Chemists' sundries. Wide-spread connections. Certified weekly turnover £200. 2 spacious timber warehouses, office, brick store and sheds; 8-roomed chalet-type house, 2 acre garden. Freehold £4,500. Goodwill, fittings, £500. Stock £6,000 app. National Business Agency, Ltd., 36 Eastcheap, London, E.C.3. Mansion House 2748.

PHARMACIST. M.P.S., age 48, contemplates selling business which he has owned for 20 years (present turnover over £6,000) would like to contact anyone who would be interested in his services as a locum, or any suitable capacity. Sole reason for disposal would be to get relief from permanent responsibility. Box 2/216.

PROPRIETARY BUSINESS for disposal with or without premises. Considerable scope. Ingredients were not obtainable until recently and turnover dropped last year to £108. Did approach £700 prior to the war and now ingredients are available there should be further considerable scope. Rent of premises if required, 30s. per week. Total purchase price, to include £500 stock and plant, £850. Partnership entertained. Box 2/207.

SUFFOLK market town. Chemists, tobacconists, fancy goods, wines licence. Century-old bus'ness. Weekly turnover £80-£90, net profit £20-£25. 2 reception, 4 bedrooms, 2 attics, bathroom, large garden and garage. 1938 van. Freehold £4,000. Goodwill, fittings, van £2,500. Stock £1,000 app. National Business Agency, Ltd., 36 Eastcheap, London, E.C.3. Mansion House 2748.

MISCELLANEOUS SALES

17/6 for 36 words or less, 4d. for every additional word

BOTTLES. 20 gross 8 oz. medicals, 28s. gross. 15 gross 4 oz. white oval ribbed, 24s. gross. 10 gross 10 oz. amber rounds, nice blue metal cap, 48s. gross. Immediate delivery ex Leeds. Lever, 44 St. Albans St., Leeds, 2.

COMPOSITION and shaped topped corks, to fit $\frac{1}{2}$ gallon Winchesters, cheap; 1,000 gross in all. Lenard, Lee-Narvill & Co., Ltd., Anlaby Rd., Hull.

FOR DISPOSAL. 40 gallon drum white odourless mineral oil. Offers? Box 2/217.

GOVERNMENT SURPLUS STOCK. "M & B" tablets, 693, packed in 500's for home or export. Household starch, stearic acid, caustic soda, mag. sulph., soda sulph. Lyons & Neil, Mfg. Chemists, 51a Willesden Lane, London, N.W.6.

MANUFACTURERS have surplus stock, 7 cwt. tartaric acid B.P., 8 cwt. mag. sulph. Exsic, 5 cwt. fine zinc oxide B.P., 3 cwt. M. & B. calamine prep., 8 cwt. zinc sulphate B.P., 1 cwt. zinc phosphide, 2 tons 5% DDT dusting powder. Quantities of inf. gent. co. cone., succus, tarax. ext. senega liqu. Offers for who'e or part. Box 2/221.

OIL OF LEMON (Sicilian) 50 lbs. in sealed drums available. Guaranteed quality. Surplus to requirements. Controlled price. Box 2/197.

PHENACETIN, B.P., aspirin, B.P., theobromine alkaloid, B.P. Small surplus stock for sale. Apply Box 2/213.

SURPLUS STOCK. Fancy boxes suitable Christ packing, at 36s. per gross, 6 $\frac{1}{2}$ " x 2 $\frac{1}{2}$ " x 1 $\frac{1}{2}$ ". Lady side comb, 4" 36s. per gross; 2" 26s. per gross, p carriage. Sample ls. for the three post free. Wipole Laboratories, Ltd., Freer St., Walsall. 100 **GROSS** 4 oz. flat medical bottles. 100 gr 2 oz. flat medical bottles without caps, suitable corks. Box 2/212.

WANTED

8/6 for 36 words or less, 3d. for every additional word

ASPIRIN granular, B.P., saccharin powder 550, No. 3 tablet bottles urgently required by manufacturers. Box 2/193.

ASPIRIN, phenacetin. Saccharine tablets. Stearic acid triple pressed, glycerine, oil of peppermint W.C. Box 2/205.

BOTTLES. Bottles. We will buy all your sun stocks, spot cash. Any shape or size. Large small quantities. Call or write with details. Hestock & Co., 6 Hamilton Sq., Birkenhead. Tel. Birkenhead 5546.

BOTTLES WANTED. 2 $\frac{1}{2}$ oz. and upwards pmalical flats, 5 oz. wide mouthed hair cream, 8 amber rounds, 4 and 8 oz. medical plain flat. Quotations with samples to Kempac, Ltd., Batley.

CAUSTIC SODA, solid and flakes, sodium sulphite ash. Write Box 2/220.

INOTYOL, original pre-war make wanted. I price paid. Single tubes acceptable. Box 2/211.

REQUIRED. Phenacetin, aspirin gran. and c and lactose B.P. Any quantities. Apply Box 2/

WANTED urgently. Stearic acid, all grades, quantity. Samples and quotations to Har Dietetic Laboratories, Ltd., Cavendish Works, N Parade Burnt Oak, Middlesex.

WE REQUIRE large quantities of toilet rolls distribution to chemists and grocers, and shall glad to receive bulk offers to Carlton Laboratories, Ltd., 28 Pont St., London, S.W.1.

FOR SALE

8/6 for 36 words or less, 3d. for every additional word

FOR SALE. 2 cwt. technical sorbitol. What of Box 2/215.

SECOND-HAND, embossed twill air bed for 6 ft. x 3 ft., with bellows. Good condition, stained. Offers? James, 420 Hoe St., Waltham E.17.

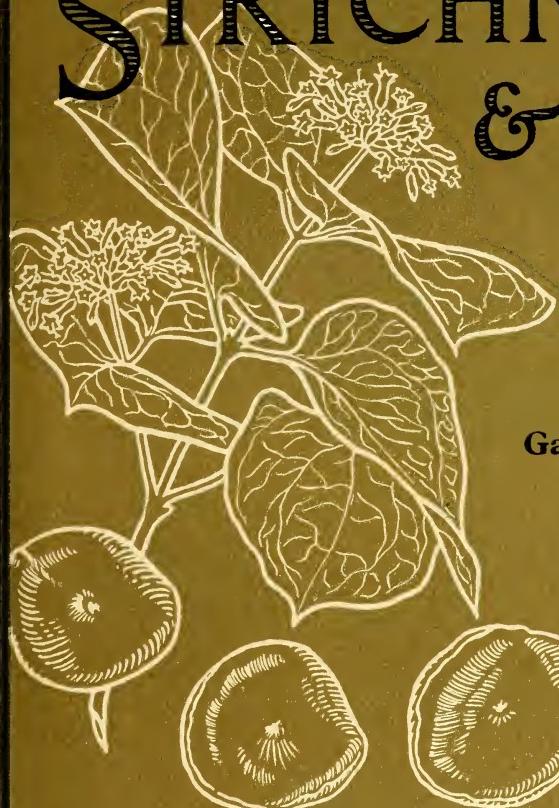
TRADE MARKS

TRADE MARK REQUIRED. A manufacturing company desires to purchase a trade mark (word) already registered, but not at present in use, for a b insect repellent. A short word-mark preferred. Write, stating actual mark, goods, class, and registered owner in first letter to Box 2/222.

THE TRADE MARK No. 451018, consisting principally of the works Kemp's Babezone and registered in respect of a medicine for children, and the T Mark Fiery Jack (No. 550673) registered in respect of chemical substances prepared for use in medicine and pharmacy were assigned on the 26th Oct 1946 by Charles Kemp of 157 Central Drive, B pool, to Fylde Laboratories, Ltd., of Carroll St Deepdale, Preston, Lancashire, without the goodwill of the business in which they were then in use.

THE TRADE MARK Rheumalax, registered u. No. 473061 in respect of an anti-rheumatic ape powder, being a medicinal preparation for human use, was assigned on the 25th September, 1946, Emily Evans, of 26 North Crescent, St. Anne Sea, Lancashire, to Fylde Laboratories, Ltd., Carroll Street, Deepdale, Preston, without the goodwill of the business in which it was then in use.

STRYCHNINE & Salts



Manufactured
at our
Garden City Factory
from
British Empire
STRYCHNOS
NUX-VOMICA

SEED
Natural Size

CARNEGIE CHEMICALS (WELWYN) LTD

Manufacturers of Fine Chemicals

WELWYN GARDEN CITY

HERTFORDSHIRE



The ethical medical preparation for
the treatment of Asthma. Prescribed
consistently by Doctors in Hospital,
Private Practice and Government
Departments



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